

19980512.qrp v01_n089.qrs.980512

Date: Tue, 12 May 1998 19:03:23 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1089

QRP-L Digest 1089

Topics covered in this issue include:

- 1) [10728] Re: Fed Bobtail from Corner?
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 2) [10729] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
by "Fred Ringwald" <fred@innocent.com>
- 3) [10730] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
by DaveLeDuc <DaveLeDuc@aol.com>
- 4) [10731] Missing information in Walter DuFrain's St. Louis Loop Article in Spring QRPp
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 5) [10732] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
by Monte Stark <ku7y@dri.edu>
- 6) [10733] Paint tips
by mwattcpa@earthlink.net (Marty Watt)
- 7) [10734] Re: bi-directional ant question
by Ed <edn4pk@VoyagerOnline.net>
- 8) [10735] Re: Fed Bobtail from Corner?
by Ed <edn4pk@VoyagerOnline.net>
- 9) [10736] QSL with logos
by Ronald_A_Pfeiffer@res.raytheon.com
- 10) [10737] Re: Cool Radiotelescope Tour (longish)
by Jack Parker <Pparker@greatbasin.net>
- 11) [10738] Telescopic glasfibermast
by "Kim Andersen" <ox3fv@greenet.gl>
- 12) [10739] Rigs that bite
by "Charles L. Stackhouse" <cstack@safelink.net>
- 13) [10740] Non-QRP, Web Counter
by "Ron Polityka" <wb3aal@talon.net>
- 14) [10741] VHF freq at Dayton
by "Charles L. Stackhouse" <cstack@safelink.net>
- 15) [10742] RE: Elmer101: VFO torroid prep question
by Tracy@bytemark.com (Tracy)
- 16) [10743] First 10 meter Fox worked.
by Jess Gypin <jessqrp@concentric.net>
- 17) [10744] Bug page gets buggier!
by Jess Gypin <jessqrp@concentric.net>
- 18) [10745] KnightLite's Net Report May 3rd&10th
by Paul Stroud <aa4xx@ipass.net>

- 19) [10746] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
by Richard Powell <ripowell@mpna.com>
- 20) [10747] The sun will come out, on Friday!
by Shepherd <Shepherd@aol.com>
- 21) [10748] WTB: Ten Tec
by "Tim Cook" <timcook@erinet.com>
- 22) [10749] Elmer101: 40M version personal status report.
by Richard Powell <ripowell@mpna.com>
- 23) [10750] Re: QRP Calls
by "Russell W. white" <ruswhite@netzone.com>
- 24) [10751] Gusher Ants FS at Dayton
by Joseph Everhart <n2cx@voicenet.com>
- 25) [10752] Re: Fed Bobtail from Corner?
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
- 26) [10753] Re: First 10 meter Fox worked.
by Frank Kienast <fgk@iquest.net>
- 27) [10754] SG-2020 - Wait a minute!
by mpupeza@csolve.net (Michael Pupeza)
- 28) [10755] Tick-1 power supply
by Bruce Rattray <rattray@gpfn.sk.ca>
- 29) [10756] RF burns
by Armstrongs <barmstrong@mail.SISNA.com>
- 30) [10757] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
by Roger Hightower <n7kt@earthlink.net>
- 31) [10758] Re: QSL with logos
by Monte Stark <ku7y@dri.edu>
- 32) [10759] Re: Elmer101: VFO toroid prep question
by "George T. Baker" <w5yr@swbell.net>
- 33) [10760] (no subject)
by Lisa Osier <osier@northnet.org>
- 34) [10761] What else, Dayton WX
by Dan Puckett <dpuckett@erinet.com>
- 35) [10762] Varactors good/bad?
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 36) [10763] Re: Planes, Trains, Subs.....and... Hang Gliding
by Gardner / Maguire <bagardn@ibm.net>
- 37) [10764] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
by aa5yx@juno.com (John Harper AA5YX/2)
- 38) [10765] S&S -- M1 (preview)
by Conrad <radman@best.com>
- 39) [10766] Dayton wishes, banquets, great stuff FS incl. my Corsair II, FT-736,
etc.
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 40) [10767] Re: Elmer101: All's Quiet?
by DMRAWSON <DMRAWSON@aol.com>
- 41) [10768] FS: Radio Shack dipole antennae
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 42) [10769] 10 meter fox hunt

- by eakwik@mail.hac.com
- 43) [10770] stuff to trade for qrp rig
by n1wcc@juno.com (Arol b hill)
- 44) [10771] Re: Tick-1 power supply
by Bob Patten <n4bp@bc.seflin.org>
- 45) [10772] Re: Varactors good/bad?
by "Donald G. Dorn" <ddorn@swbell.net>
- 46) [10773] Dayton: stuff FS
by "Kelly Ellison" <kelman@dialnet.net>
- 47) [10774] Linear PA for QRP+ and other QRP stuff
by "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
- 48) [10775] ELMER101
by "Peter C. Wotherspoon" <Peter.C.Wotherspoon@hydro.on.ca>
- 49) [10776] Spring Reminder--- LIGHTENING
by "ukii" <ukii@megsinet.net>
- 50) [10777] sgc cw prowess
by w8gnd@juno.com (Jerry W O'Dell)
- 51) [10778] RE: SG-2020 - Wait a minute!
by "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
- 52) [10779] Re: Tick-1 power supply
by Chris Cartwright <ccart@dns.vidtel.com>
- 53) [10780] Re: 10 meter fox hunt
by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
- 54) [10781] Re: Ahhoooga Ahhoooga, "DIVE DIVE", Ahhoooga, Ahhoooga!!!!!!
by aa5yx@juno.com (John Harper AA5YX/2)
- 55) [10782] Re: Paint tips
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 56) [10783] Ten-Tec PTO easy fix
by Tom Cooper <cooper@gmpvt.com>
- 57) [10784] Norcal Paddles
by Old Radios <old_radios@yahoo.com>
- 58) [10785] Re: ELMER101
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 59) [10786] RE: 10 meter fox hunt
by "Rattray, Bruce" <Rattray@siast.sk.ca>
- 60) [10787] Re: ELMER101
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 61) [10788] Re: ELMER101; addendum
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 62) [10789] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
by jim <kw3u@warwick.net>
- 63) [10790] Re: Tick-1 power supply
by "Hugo W. Catta" <hugo@banet.net>
- 64) [10791] Antenna Simulator Measurements.
by Ed Loranger <we6w@qsl.net>
- 65) [10792] Re: Spring Reminder--- LIGHTENING
by Monte Stark <ku7y@dri.edu>
- 66) [10793] F/S 85' Tower in SW Indiana (U Take down) \$85

- by SNickrand <SNickrand@aol.com>
- 67) [10794] OHR 100A Report
by Ken Newman <n2cq@citnet.com>
- 68) [10795] OHR-100 Thermal Drift cures?
by Ed Loranger <we6w@qsl.net>
- 69) [10796] Elmer101: Re: Varactors good/bad?
by Niel Skousen <nskousen@scientech.com>
- 70) [10797] Re: Tick-1 power supply
by tom whalen <whalen@swcp.com>
- 71) [10798] 10M STARTER
by ARDUJENSKI <ARDUJENSKI@aol.com>
- 72) [10799] Re: Grand Strand QRP Beach Beacon to Dayton
by dhlaute@juno.com (David H. Lauten)
- 73) [10800] A SUCCESS STORY
by jdenison@morelr.com (JOEL DENISON)
- 74) [10801] Argosy PTO problems
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 75) [10802] NW QRP Club Contest 9/12/98
by Bill Todd <bill@willapabay.org>
- 76) [10803] Ten Tec Argosy Pro/Com
by Mike - W0TMW <crucis@sky.net>
- 77) [10804] Elmer 101- Enclosures
by Bensondj <Bensondj@aol.com>
- 78) [10805] Speed-X 322 Now Available
by "Marshall Emm" <mgemm@mtechnologies.com>
- 79) [10806] Upgraded to General and Radio Shack Book Value
by Greg Miller <gsmiller@intrex.net>
- 80) [10807] Can U HR ME? Needed QRP PeP Talk
by "James Fielden" <fielden@utkux.utcc.utk.edu>
- 81) [10808] LED keyers- SHIPPED!
by Steven Weber <kd1jv@moose.ncia.net>
- 82) [10809] Dayton Weather
by "Bernard F. Gaffney, Jr." <n8pvz@qsl.net>
- 83) [10810] Re: Can U HR ME? Needed QRP PeP Talk
by Ed Loranger <we6w@qsl.net>
- 84) [10811] TenTec Job Openings
by adams@chuck.dallas.sgi.com (Chuck Adams)

Date: Mon, 11 May 1998 17:06:16 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Steve Galchutt <n0tu@webaccess.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10728] Re: Fed Bobtail from Corner?
Message-ID: <Pine.GS0.3.96.980511170046.16993B-100000@moe>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Steve,

A half-square can be successfully fed at either end, lowest point, by using a simple parallel tuned circuit to provide this high impedance point with a hi Z, while tapping the coil low to match the coax to that point.

A bobtail curtain prefers to be fed at the center element, although like the half square, you can use the same parallel tuned circuit to feed the low end of the center wire. The bobtail--although older in design, is actually 2 half squares with a common wire. It gets its best gain broadside when the two sides are balanced--hence, the preference for center-wire feed. However, in a pinch, the imbalance between the two sections will not be radical if the antenna is fed at the low end of one of the end wires.

So, if you gotta, then go ahead. But if you can get the feedline to the center wire and feed it as a high impedance point at the low tip, then that would be better.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off) (423) 974-7215
1434 High Mesa Drive	/	\	\	----	/	----	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	/	/		(FAX) (423) 974-3509
37938-4443 USA	/	\	\	\			cebik@utk.edu
QRP/ARCI 2572	G-QRP	7203	CQC	125	NEQRP	347	NORCAL 1111 MIQRP 1432
NWQRP 401	ARRL	Life: Technical & Educational Advisor					10-10 41159
QCWA 13211	scQRP	28	AK/QRP	343	CW Ops QRP Club (VK)	476	FISTS 2600
http://web.utk.edu/~cebik/radio.html							

Date: Mon, 11 May 1998 16:17:31 -0500
From: "Fred Ringwald" <fred@innocent.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <pharden@aoc.nrao.edu>
Subject: [10729] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
Message-ID: <000801bd7d22\$364b3360\$5a70d9d0@fred.ott.net>

Paul,

>ObQRP: If you don't like submarine trivia, then how about posting

something

>QRP related? Where's all the traffic?

You must like flames, as you seem to be asking for it!

Is that why you are an expert in solar phenomena??

73s,

Fred Ringwald, ABOAE
fred@innocent.com

Date: Mon, 11 May 1998 17:24:21 EDT
From: DaveLeDuc <DaveLeDuc@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [10730] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
Message-ID: <3700e60a.35576c86@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-05-11 16:31:54 EDT, you write:

<< I didn't know you were an ole sub sailor, Roger. How many other QRPers
are bubbleheads? Now I know why we fit in so well!

72, Paul NA5N (ss) >>

I'm a plankowner and made 4 patrols on the James K. Polk (SSBN645) gold crew
1966-1968

72, 73 Dave K1EPJ RM2(ss)

Date: Mon, 11 May 1998 14:51:05 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@Lehigh.EDU>
Subject: [10731] Missing information in Walter DuFrain's St. Louis Loop Article in
Spring QRPP
Message-ID: <01bd7d26\$e63368c0\$630a0d0a@doug.dpol.k12.ca.us>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Walter Dufrain contacted me today and he has had 31 requests for the truncated part of the St. Louis Loop article that appeared in QRPP. I inadvertantly (politically correct way of saying I screwed up) left off the first part of the first sentence. The first sentence of the article should say:

The need for a protable loop design that was smaller than a full wavelength loop, plus being able to mount it horizontal or vertical, and still give good results in the field, has produced the SLL.

Wow, what a response to a great article. It proves that QRPers are very interested in antennas and good articles. My apologies to all for leaving out the material, it was entirely my fault, not Walter's. Also, when you send to an author for information, please be courteous and enclose a self-addressed stamped envelope for the reply at the very least. It makes it so much easier to reply, and besides, all of those requests can add up to a substantial postage bill.

Thanks again to Walter for an outstanding article. 72, Doug, KI6DS

Date: Mon, 11 May 1998 14:56:08 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Paul Harden <pharden@aoc.nrao.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10732] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
Message-ID: <Pine.SOL.3.96.980511145516.1874B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 11 May 1998, Paul Harden wrote:

> Where's all the traffic?

Moderation my son, moderation.....

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 11 May 1998 22:07:03 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [10733] Paint tips
Message-ID: <35577622.17747866@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

I found a really cool automotive spray paint in "gunmetal" color. =
Assuming I
use primer recommended by the paint manufacturer, should there be any =
problem
in using this automotive primer and paint to finish the base of my NorCal=
K8FF
Paddles?

Thanks for the help ...

--

72 es 73 de Marty, KM7W

=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =
=20
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Mon, 11 May 1998 18:16:28 -0400
From: Ed <edn4pk@VoyagerOnline.net>
To: yd794@victoria.tc.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10734] Re: bi-directional ant question
Message-ID: <355778BC.8E295FA@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I should have made the point that I really meant a half square. Sorry about the over sight. A half square fed at the top should realize about 4 db gain. Not sure if the figure is correct, but can say the antenna worked just great on 40 meters for me...

Ed N4PK

QRP-L #1307

Date: Mon, 11 May 1998 18:22:07 -0400
From: Ed <edn4pk@VoyagerOnline.net>
To: n0tu@webaccess.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10735] Re: Fed Bobtail from Corner?
Message-ID: <35577A0E.7968215@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve, make it 2 elements and feed it at the corner. Better know as a half square...it works...use coax

Ed N4PK

Date: Mon, 11 May 1998 18:20:19 -0400
From: Ronald_A_Pfeiffer@res.raytheon.com
To: qrp-l@Lehigh.EDU
Subject: [10736] QSL with logos
Message-ID: <85256601.007A86D4.00@ressud-as01.res.ray.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

This is probably overasked but.....

Need QSL with logos like NORCAL, QRP ARCI, NE QRP, etc

Thanks in advance and please reply directl to me to lower traffic.

73 - Ron N1ZSW

Date: Mon, 11 May 1998 15:31:12 -0700
From: Jack Parker <Pparker@greatbasin.net>
To: qrp-1@Lehigh.EDU
Subject: [10737] Re: Cool Radiotelescope Tour (longish)
Message-ID: <3.0.1.32.19980511153112.0068df7c@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:27 AM 5/11/98 -0700, Andy, KK7HV, wrote:

>Hi,

>

>The Radio Society of Tucson (club call K7RST) toured the two
>radiotelescopes at Kitt Peak this past Saturday.

<snip>

When I was Chief Engineer of KLPX/KTKT Tucson I visited Kitt Peak on a monthly basis and found the millimeter-wave telescope purely by accident...didn't know it was there!

Don't know if the dish has been upgraded since 1986, but the computer-controlled surface was amazing. It was a segmented dish, with each segment having multiple drivers to maintain surface accuracy regardless of dish orientation. If I recall correctly the antenna used a laser system to continuously adjust the drivers.

The receivers at these wavelengths were diode front-ends in Dewar flasks, which were nitrogen-cooled. There were four (I think) flasks/diodes for each front-end, set up so they could be rotated in the event of the failure of one diode. This permitted rapid changing of the front-ends for minimum impact on the observing session.

Thanks for the post!

72/73,

Jack, W7PW

"We make our world significant by the courage of our questions and by the depth of our answers."

Carl Sagan

"...the time is fast approaching when freedom, public peace, and social order itself will not be able to exist without education."

Alexis de Tocqueville--Democracy in America (1834)

Date: Mon, 11 May 1998 23:03:25 +0100
From: "Kim Andersen" <ox3fv@greenet.gl>
To: "=?ISO-8859-1?Q?QRP-L_=28INDL=C6G=29?=" <qrp-l@Lehigh.EDU>
Subject: [10738] Telescopic glasfibermast
Message-ID: <7717D7331B9.AAB4040@mail.greenet.gl>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi

As you might remember I posted a mail some time ago about my 10m long telescopic glasfibermast from Germany.

Turns out that the maker of this fine portable mast will come to Dayton with his products!!.

He is looking for a US partner to sell his products in North America.

If anyone is interested, send him an email, give him a call, or fax him.

His english is not very good, so keep it simple.

DK9SQ
> Walter Spieth
> Funk Technik
> Tiergardenweg 26
> DE-73061 Ebersbach
> Germany
>
> spieth.dk9sq@t-online.de
> Phone/fax +49 07163-5968
>

Up here north the CONDX have been bad to poor the last three weeks, with spells of good propagation from time to time. Yesterday I worked three new countries: 5B4, LU, and TK. All on QRP. Spring is here with sun and nice temp. today 1 deg. c plus!!.. Only snow in the mountains now.

Date: Mon, 11 May 1998 23:52:35 -0600
From: "Charles L. Stackhouse" <cstack@safelink.net>
To: <Ku7y@sage.dri.edu>
Cc: <qrp-l@Lehigh.EDU>
Subject: [10739] Rigs that bite
Message-ID: <19980512000302157.AAA207@safelink.safelink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Ron wrote

>Ah, almost forgot....

>With one rig I had it was NECESSARY to keep a sock (clean!)
>over the mic.

>I thought it was RF for a long time, but turned out it was
>AC..... good old AD/DC rig!

>Gee, maybe someone will make a AC/DC 2222 rig.... :-)

>73, Ron, SOWP 5545M,

>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

Ah, memories... 1970... Upgraded Novice to Advance... HQ110 receiver...
Ranger I transmitter with vfo and AM... Hot stuff!... Literally... There was
about 50 volts AC potential difference between these 2 chassis...Did I fix
it?... Tried to without luck so I just kept the chassis from touching to
avoid blowing fuses and learned never to touch both at once... Switched
from transmit to receive by stepping on straight key on the floor.

Charlie WA2IPZ QRP-L #362 Burley, Idaho

Date: Mon, 11 May 1998 19:56:00 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [10740] Non-QRP, Web Counter
Message-ID: <000401bd7d38\$5bbe9860\$3c5445c6@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Sorry for the band with, I will make it short.

Question - I am looking for a good Web Counter. I am
looking for info. from any QRP-L'ers that have web sites.

Thanks,
73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
http://www.kpsnet.com/wb3aal/Start_Page.htm
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380

Date: Tue, 12 May 1998 00:09:22 -0600
From: "Charles L. Stackhouse" <cstack@safelink.net>
To: <ham@w3eax.umd.edu>
Cc: <qrp-l@Lehigh.EDU>
Subject: [10741] VHF freq at Dayton
Message-ID: <19980512001956195.AAA207@safelink.safelink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Scott wrote:

>I'll personally be on 145.49 MHz (PL, if used, will be 156.7) simplex.
>This is the U of Maryland repeater output freq.

>Alternately, I'll also be on 445.975 MHz (PL 156.7 if used) simplex.

Scott, I can't make Dayton this year nor did I last but had 4 years straight before that. You had better turn on a PL tone in advance and don't even think of leaving 2 m or even 440 m rig on with open squelch. The amount of RF in the air at Dayton is awesome. I wonder if a hot dog on a stick would cook by itself if held up inside the Arena. See if somebody has a spectrum analyzer on at the hamfest and see for yourself. We found that there were no unused frequencies and the HT's were blaring constantly unless we used the PL tones to open and close the squelch. Take extra batteries because at least one of the party I was with was always out of battery juice and hence "lost." Have a great time. Looking forward to blow-by-blow reports on the QRP-L. Charlie WA2IPZ QRP-L
#362
Burley, Idaho

Date: Mon, 11 May 1998 20:40:45 -0400
From: Tracy@bytemark.com (Tracy)
To: "'mikemo@ibm.net'" <mikemo@ibm.net>, "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [10742] RE: Elmer101: VFO torroid prep question
Message-ID: <01BD7D1D.3563D2E0.tracy@bytemark.com>

Unless the substance is particularly corrosive, or conductive at the operating frequency, there should not be a problem.

Some polishes are high in solvent content, and can take the coatings off the wire and allow shorts. This is rare, but I've seen it. Some adhesives are conductive when wet - these are no good unless they dry completely. Most add a small amount of inter-winding capacitance, which will change the resonant frequency of your coil very slightly.

There is a substance called Q-Dope available at various suppliers. It puts a hard coating on the toroid to keep the windings firmly in place.

There are also various toroidal mounts available. ByteMark will have pictures of them and diagrams online sometime after the Dayton show.

Hope that helps!
Tracy Markham, N4LGH, QRP-L #1453
ByteMark / Amidon
Tracy@bytemark.com
www.bytemark.com
800 679-3184

-----Original Message-----
From: Michael Maiorana [SMTP:mikemo@ibm.net]

Sent: Monday, May 11, 1998 9:58 AM
To: Low Power Amateur Radio Discussion
Subject: Elmer101: VFO torroid prep question

Can anyone answer this question clearly???
Thanks!

*****8

I just completed the VFO and I was wondering, is there any valued added if I paint L1 with clear nail polish? Would it add any mechanical and/or frequency stability to the VFO?

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

Date: Mon, 11 May 1998 18:53:42 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [10743] First 10 meter Fox worked.
Message-ID: <35579D96.72C7F8DA@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Thought that I would jump on 10 meters for a bit this weekend. Pulled up the rules for the summer fox hunt and while I was reading them, darned if I didn't hear CQ QRP-L de N4PB. His signal started at 339 and finished at 579. band was really weird. But, the good thing is that now we are off and running. Looks like I will be working CW on 10 meters!

--

Jess N0TFI <><
<http://www.concentric.net/~jessqrp> Personal Home page
<http://qsl.net/n0tfi/bug.html> Bug Stories

Date: Mon, 11 May 1998 19:06:49 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [10744] Bug page gets buggier!
Message-ID: <3557A0A9.E00E51AF@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

There is another new bug story up on the bug page from AH7R. See sig line.

--

Jess N0TFI <><
<http://www.concentric.net/~jessqrp> Personal Home page
<http://qsl.net/n0tfi/bug.html> Bug Stories

Date: Mon, 11 May 1998 19:50:35 -0400
From: Paul Stroud <aa4xx@ipass.net>
To: klqrp <klqrp@waterw.com>
Cc: QRP-L <QRP-L@Lehigh.EDU>, Pierre Thomson KA2QPG <pthomson@bruderhof.com>
Subject: [10745] KnightLite's Net Report May 3rd&10th
Message-ID: <35578ECA.8B9AD5CA@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Thanks for your continuing interest in the weekly KnightLite's Net. We invite anyone interested in QRP to join us each Sunday night (local time) on 3686.4 KHz, beginning 9:30PM EST (0130 Z). You may check in with any amount of power--QRO , QRP, or QRPp.

There are currently five stations rotating duty as Net Control

Stations, including AE4IC, WJ4P, W3RDF, K4PYM, and AA4XX. The NCS uses the KL club callsign WQ4RP when calling the net, so this is the callsign to listen for on 3686.4 KHz.

When the NCS sends "QNI," he is requesting any station(s) to send their callsign. After acknowledging several callsigns, the NCS will ask each station for comments about equipment, activities, etc. We usually have around 10 QNI's during the Summer months. We hope to hear from you soon!

The past two weekends have seen rather noisy conditions on 80M; Still, the SMiTEs and Pixies are making their appearance known.

Here's the QNS report for the past two weeks:

May 3, 1998

K4PYM (NCS)	George	Walhalla,	SC	5W	449	G5RV@50'
W3RDF	Don	N. Myrtle Beach,	SC	5W	449	TAC 1, LW ant
AB4PP	J.P.	Raleigh,	NC	5W	459	Car. Wirebeam
K4NK	Les	Greenville,	SC		449	
N3GO	Gary	Raleigh,	NC	4W	449	Inv Vee
WF4I	Derek	Greensboro,	NC	4W	449	Sierra+
K2SJB	Dave	Ithaca,	NY	5W	539	
KF2PH/QRPP	Nick	Patchogue (LI),	NY	200mW	229	SMiTE
W4SEA/QRPP	Rick	High Point,	NC	200mW	449	SMiTE
AA4XX NCS2	Paul	Raleigh,	NC	2W		Sierra

All stations reported heavy QRN/QRM conditions. K4PYM passed the NCS torch to AA4XX due to heavy lightning activity in the "Garden of the Gods"--(Walhalla, SC)....

May 10, 1998

N3GO/QRPP	Gary	Raleigh,	NC	200mW	449	SMiTE
W3RDF/QRPP	Don	N. Myrtle Beach,	SC	150mW	569	SMiTE
K4NK	Les	Greenville,	SC	5W	449	
AD4ZE	Warren	Cary,	NC	5W	559	
K4PYM	George	Walhalla,	SC	5W	589	G5RV@50'
W4WDN	Lyn	Willow Springs,	NC	5W	579	
KC5SCC	Bill	Bryan,	TX (?)		559	
KC1FB	Jim	Norwalk,	CT	3W	449	Argo 509
KF2PH/QRPP	Nick	Patchogue,	NY	200mW	439	Pixie
AA4XX (NCS)	Paul	Raleigh,	NC	2W		Sierra/Dipole

NCS heard KC5SCC trying to check in. Bill, ur signal was FB, and you're in the log! QRN was a factor, but we think all stations who

attempted to QNI were successful. K4NK reported a very successful QRP forum at the Anderson, SC Hamfest. T'was good to hear from new and old friends via the KLN. Nick's Pixie was peaking 549 around 11PM local time. Way to go, Sir Nick...

Till next Sunday, when "Sir Robert the Righteous" (AE4IC's shamelessly self-proclaimed Knightly title) will be our NCS host, here's wishing you all a fun time with QRP,
Paul, AA4XX near the big city of Fuquay-Varina, NC

"To err is human; To forgive is canine....."

Date: Mon, 11 May 1998 22:11:51 -0400
From: Richard Powell <ripowell@mpna.com>
To: qrp-l@Lehigh.EDU
Subject: [10746] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
Message-ID: <1.5.4.32.19980512021151.007093e0@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

well, since we are all listing our subs.....

I was on:

SSBN-632 (USS Von Steuben)

SSN-614 (USS Greenling)

and

SSN-678 (USS Archerfish)

73

/rick

wb6jbm/8

At 02:12 PM 5/11/98 -0600, you wrote:

>

>

>On Mon, 11 May 1998, Roger Hightower wrote:

>> Well, I'll sure listen for you. I served on Queenfish (SS393) and

>> Volador (SS490) early in my Naval career.

>> --

>> 72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

>

>And I'll be listening too ...

>Made 10 patrols on the USS Robert E. Lee (SSBN 601) in the 1970's.

>My son is now in subs, a sonarman on the USS Nebraska (SSBN 739)

>(Both are the missile subs)

>

>I didn't know you were an ole sub sailor, Roger. How many other QRPers

>are bubbleheads? Now I know why we fit in so well!

>

>72, Paul NA5N (ss)

>

>

>

>

Richard Powell WB6JBM TENTEN - 13044

Director of Network Services, JDR Consulting Services, LTD.

ripowell@mpna.com <http://www.mpna.com/ripowell>

ripowell@jdrconsulting.com <http://www.jdrconsulting.com>

Date: Mon, 11 May 1998 21:24:28 EDT

From: Shepherd <Shepherd@aol.com>

To: qrp-1@Lehigh.EDU

Subject: [10747] The sun will come out, on Friday!

Message-ID: <35e4dc01.3557a4cd@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

The latest forecast for Friday through Sunday here in Dayton is:

Friday, partly cloudy (partly sunny) high 85.

Saturday, and Sunday cloudy highs 80, and 76.

Chance of rain this weekend is less than 30%!

Bring your sunblock for Friday!

72, 73

Dan, N8VZU

Date: Mon, 11 May 1998 21:25:44 -0400

From: "Tim Cook" <timcook@erinet.com>

To: "QRP" <qrp-1@Lehigh.EDU>

Subject: [10748] WTB: Ten Tec

Message-ID: <01c601bd7d44\$e33b3bc0\$e6775acf@timcook.erinet.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Looking for an older Ten Tec Omni ,analog or digital. would consider a Triton 540/544 or delta 580. Have a TS-520SE w/CW Filter to trade or sell. Please email if you have something.

Thanks

Tim

NZ8J

Date: Mon, 11 May 1998 22:27:31 -0400
From: Richard Powell <ripowell@mpna.com>
To: qrp-1@Lehigh.EDU
Subject: [10749] Elmer101: 40M version personal status report.
Message-ID: <1.5.4.32.19980512022731.00663de4@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

wow!

ended up using a 69pf C7, and have a center freq just about 7040.

using 50k for tuning potentiometer.

tuned for just under 2W output.

Rx idle current 16ma

rx max current 25ma

tx current 215ma

any more tx drive than that, and the sig starts to sound yukkie.

tuning range is from "cw too fast to copy" to "ssb sigs in cw band?"

plenty of AF power to drive small speaker (as long as the dog isn't barking).

estimated TX efficiency 78% OVERALL!

looks like this rig will run a whole 6 hr contest on just a set of AA nicad's!

Good Job Dave!!!!

73

/rick

wb6jbm.

now, to get an antenna up!!!!

Richard Powell WB6JBM TENTEN - 13044

Director of Network Services, JDR Consulting Services, LTD.

ripowell@mpna.com <http://www.mpna.com/ripowell>

ripowell@jdrconsulting.com <http://www.jdrconsulting.com>

Date: Mon, 11 May 1998 19:03:21 -0700
From: "Russell W. white" <ruswhite@netzone.com>
To: qrp-1@Lehigh.EDU
Subject: [10750] Re: QRP Calls
Message-ID: <3.0.3.32.19980511190321.007aa9a0@pop.netzone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 20:28 5/10/98 -0400, you wrote:
>I worked WQ2RP & WQ3RP during the ARCI QRP
>contest and I would like to get their QSL Cards.
>Does anyone know their owners address?
>
I sent an email to: lookup@qrz.com

in the body of the email I put: lookup wq2rp
 lookup wq3rp

I received the following:

date: Mon, 11 May 1998 18:42:28 -0700 (MST)
To: ruswhite@netzone.com
From: QRZ E-MAIL Callsign Server <lookup@qrz.com>
To: ruswhite@netzone.com

Subject: Callsign Lookup (Automatic Reply)

Thank you for using the QRZ callsign e-mail server.
Below is the information on the callsign(s) that you requested.

Callsign: WQ2RP
Club Name: NEW JERSEY QRP CLUB
 Addr1: 81 HOLLY DR
 Addr2: WOODBURY NJ 08096
 Country: USA
Effective: 24 Mar 1998
Expires: 24 Mar 2008
Trustee: KENNETH D NEWMAN N2CQ
Location: 39.825 N 75.132 W Gloucester County

Callsign: WQ3RP
Club Name: MARYLAND MILLIWATT CLUB
 Addr1: 3052 FAIRLAND RD
 Addr2: SILVER SPRING MD 20904-7117

Country: USA
Effective: 26 Feb 1998
Expires: 26 Feb 2008
Trustee: GEORGE D GINGELL JR K3TKS
Location: 39.080 N 76.983 W Montgomery County
Email: k3tks@u1.abs.net

Thank you for using the QRZ e-mail callsign server.
The complete QRZ callsign database is available on CDROM
for a variety of computer systems including Windows,
UNIX and Mac. To find out more, send an e-mail to

info@qrz.com

Or, try out our web page at:

<http://www.qrz.com>

If you would like to add your e-mail address to the database,
send an e-mail to updates@qrz.com with a message that
looks like the following using your callsign and address:

qrz_email W1ABC user@example.address

To update your Home Page (URL) listing, send the message:

qrz_link W1ABC <http://www.example.address/w1abc>

73 from QRZ

end of email

Russ

Russell W White AB7JX 33 39 12N 112 05 03W

"We are what we repeatedly do. Excellence, then, is not an act, but a
habit." -- Aristotle

"If you always do what you've always done, then you'll always get what you
always got." -- Moms Mabley

Date: Mon, 11 May 1998 22:07:22 -0400

From: Joseph Everhart <n2cx@voicenet.com>
To: qrp-1@Lehigh.EDU
Subject: [10751] Gusher Ants FS at Dayton
Message-ID: <199805120207.WAA45888@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Here's a brazen (though QRP-related) ad from me!

Look for me at the ARCI Vendor night at DIS with some Gusher antennas for sale:

Briefly here's the deal:

Gusher Classic	1 lb single-band portable dipole	\$20.00
Gusher-IIL	1 lb multiband portable dipole	\$25.00
Halfer	End-fed half wave antenna and counterpoise (Needs a tuner like the NJQRP Rainbow Tuner)	\$5.00

Now back to the weather reports.....

72/73,

Joe E., N2CX

>From South Jersey, y'all!

home: n2cx@voicenet.com
work: jeverhar@camden.lmco.com

Date: Tue, 12 May 1998 02:13:54 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: n0tu@webaccess.net, qrp-1@Lehigh.EDU
Subject: [10752] Re: Fed Bobtail from Corner?
Message-ID: <19980512021353.AAA28951@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The corner is a GREAT place to feed a Bobtail... 'cept you'll have to

put a 4:1 balun to bring the Z down to reasonably low ohms. The only effect will be a slight skewing away from the "binomial" current distribution which center feed provides. YOU'LL LOVE IT! 72 -s-

.....

At 06:59 AM 5/11/98 -0600, you wrote:

>This is probably a silly question....But I've a perfect location for a 40m
>bobtail but to feed it at the center leg is a problem...wondering if I can
>feed it at the top or bottom end-corner with open wire. I suppose this will
>defeat it's design??

>72...Steve

>-----
>n0tu - solar powered QRP & wire antennas @ 7,200' ASL
>Monument,Colorado - Grid Sq DM79nb
>homepage: <http://www.webaccess.net/~S&P/HRindex.htm>
>email: n0tu@webaccess.net

>

>

>

>

Seab Lyon, AA1MY, Beacon, NY, USA

ARRL; QCWA; ACRI#9253;

QRP-L#574; NEQRP#511; Pres., C.A.R.A.:

<http://www.danbury.org/org/cara/>

Date: Mon, 11 May 1998 21:35:19 -0500

From: Frank Kienast <fgk@iquest.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [10753] Re: First 10 meter Fox worked.

Message-ID: <3557B567.2360@iquest.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Congrats on the contact, Jess. I have been listening around and occasionally calling around the SSB contest frequencies. Thus far, I have not heard anything from QRP-L. I have, however, worked two stations in Puerto Rico from Indiana with my 7 or so watts PEP to an indoor folded dipole. Listening on the band, it seems that almost all the stations I have heard are in Central and South America. I guess most signals from the US are skipping over the rest of the country and going south. When these DX stations are taking calls from the US, I hardly ever hear the US side.

Frank Kienast
KB9QEI

Jess Gypin wrote:

>
> Hi all,
>
> Thought that I would jump on 10 meters for a bit this weekend. Pulled up
> the rules for the summer fox hunt and while I was reading them, darned
> if I didn't hear CQ QRP-L de N4PB. His signal started at 339 and
> finished at 579. band was really weird. But, the good thing is that now
> we are off and running. Looks like I will be working CW on 10 meters!

Date: Mon, 11 May 1998 22:40:43 -0500
From: mpupeza@csolve.net (Michael Pupeza)
To: QRP-L@Lehigh.EDU
Subject: [10754] SG-2020 - Wait a minute!
Message-ID: <v01510100b17d715fa40b@[207.61.168.176]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi All:

I'm now hearing some POSITIVE reports about the SGC 2020 Xcvr!

Where were the positive or 'plus' items in the original European Reports?

The case, and construction, seem to be good?
What about the General Coverage RX - is that OK?
It seems to be 'Bulletproof' in the Hardware!
It seems to be WELL BUILT!
The connectors, interfaces, etc., seem to be fine?
All in all, a LOT of features seem to be GREAT!
It appears to work FINE for Most SSB applications!

What a one sided series of reports, from one person (or group), we seemed to get - and seemed to accept!

I think that we had better wait and see what the overall unit is capable of, before we make our judgements.

I, for one, will keep my order outstanding, and suspect that I will get a GOOD rig, perhaps only for SSB, but that was my wish all along!

73, es 72, - - - - Mike.....>

Michael Pupeza VE3EQP
283 Peek-a-Boo Trail RR# 2
Penetanguishene, Ont.
Canada L9M 1R2

mpupeza@csolve.net
(705) 549-3220

Date: Mon, 11 May 1998 21:02:56 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@Lehigh.EDU>
Subject: [10755] Tick-1 power supply
Message-ID: <Pine.SOL.3.91.980511205946.3237A-1000000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'd like to try running my Tick-1 with 3 #357 silver oxide batteries in series but I'm struggling to come up with some device to hold them in...any ideas that will make me say "Now why didn't I think of that?"...HI HI...tnx & 72 - Bruce(VE5RC)

e-mail: rattray@gpfn.sk.ca

Date: Thu, 23 Apr 1998 02:06:06 -0600
From: Armstrongs <barmstrong@mail.SISNA.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [10756] RF burns
Message-ID: <1.5.4.32.19980423080606.0070af68@mail.SISNA.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Re: RF burns

My email has been down, so I am late on this thread.

I have an "RF burner" in my country doctor office (as do many, many other family docs and dermatologists). It operates at 7 MHz and is very efficient

at turning human skin into crispy "Kentucky fried" style ashes. It is widely used for removing warts and other unwanted ditzels.

I've often wondered how to hook an antenna to my wart burner. It has a 10 watt output, so is not quite QRP.

de N7XJ

Date: Mon, 11 May 1998 20:44:31 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10757] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
Message-ID: <3557632F.F02B0DEA@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Geez! All these hull numbers in the high 500's and 600's. Really makes me feel like an OF, :-)

I was a plankowner on the Theodore Roosevelt, SSBN-600 before I left the service. Wasn't nearly as much fun as the Fleet boats, though.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ
"The problem with doing nothing is not knowing when you're finished"
(Nelson DeMille)

Date: Mon, 11 May 1998 21:25:26 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Ronald_A_Pfeiffer@res.raytheon.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10758] Re: QSL with logos
Message-ID: <Pine.SOL.3.96.980511212318.3082D-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ron,

All the QSL card people that I know of have the QRP ARCI logo.
Just ask.

Many have it as a box to check when you fill out their order form on the web.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 11 May 1998 23:32:04 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: Tracy@bytemark.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10759] Re: Elmer101: VFO toroid prep question
Message-ID: <3557D0C4.99B87682@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

IF I remember back far enough, and at my age I seem to be doing better "back there" than yesterday (!), Q-Dope was also marketed as Liquid Polystyrene. Solid polystyrene is what all the air-wound coils are supported on. It is an excellent HF dielectric and recommended highly to secure windings of coils. I must have used a quart of the stuff "in the old days" when just about everyone built a rig of necessity.

--

72/73, George
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403
AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Tracy wrote:

>
snip

> There is a substance called Q-Dope available at various suppliers. It puts a
> hard coating on the toroid to keep the windings firmly in place.

Date: Mon, 11 May 1998 12:35:28 -0700
From: Lisa Osier <osier@northnet.org>
To: qrp-l@Lehigh.EDU
Cc: osier@northnet.org
Subject: [10760] (no subject)
Message-ID: <35575300.697B@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello QRPers!!!!

Im new to the QRP-L but have been QRP fer abt 3 years. Looking for ops who like to wrk milliwatt stations!!! Im on 40 and 15 mtrs in the novice section (abt 7115 or 21115 mornings between 1300 and 1700 utc) Hpe to hear u soon. Start off slow and see how low we go !!!

Frm: George Osier N2JNZ/QRPPPPPPP 72s

Date: Tue, 12 May 1998 02:43:33 -0400
From: Dan Puckett <dpuckett@erinet.com>
To: qrp-l@Lehigh.EDU
Subject: [10761] What else, Dayton WX
Message-ID: <3557EF95.62EC29EE@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug Hendricks and other interested parties,

It is Monday night and I just saw the long range forecast for this week on the news. The skies will be bright and sunny through Sunday. Highs in the low 80s, lows in the upper 50s. There is a slight chance of some rain on Wednesday. Other than that, bring your sun screen and a good hat. But don't forget a jacket for night. You won't need rain gear, but pack some anyway (Be Prepared!). If you can't live without a weather "fix" every day, we have a NOAA wx xmitter on 162.475 MHz.

Hope this helps,

Dan WD8AAU

Date: Tue, 12 May 1998 00:10:52 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10762] Varactors good/bad?
Message-ID: <01bd7d75\$1982f3a0\$9aa9d9cf@accurate-1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I tried subbing a BB104 for the variable capacitor in a Hartley and found that the results were less than satisfactory. It all but ruined the normally excellent drift characteristics of the Hartley.

I wonder if there is a "Good" varactor. One that shows acceptable, low drift characteristics? One that perhaps you have used with good results?

Thanks

Roger KD6CC

Date: Tue, 12 May 1998 01:38:42 -0700
From: Gardner / Maguire <bagardn@ibm.net>
To: qrp-1@Lehigh.EDU
Subject: [10763] Re: Planes, Trains, Subs.....and... Hang Gliding
Message-ID: <35580A92.7E3@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom wrote:

> Looks like most of the bases are covered! We have QRPer's in the air,
> land, tracks, and now on the sea!! Even have some QRPer's on bicycles!
> Know a guy here that does hang gliding, but think it is only on 2
> meters! Ain't QRP great!!

OK, I'll fess up to that last one. Been hang gliding for about 5 years now. Have a little over 500 hours air time. It's definitely all 2 mtr FM. Most pilots have a mic and earpiece rigged up in their helmet, along with a finger activated PTT switch. I've thought about CW-hang

glider-mobile, but both hands are usually pretty busy when flying, so I don't think I'll ever try it! Definitely QRP though. I usually set the HT to a quarter watt if I know I'm just going to fly around for a few hours, or 2 watts if I think I might go cross country and have to talk to my wife/chase driver (Who was a real sweet heart and got her no-code tech just so she could talk to me in the air).

Both amateur radio and hang gliding suffer from an image problem with the public in general. For radio a common one is: "So you're one of them ham radio guys, huh? Well, you better not interfere with my TV reception." For hang gliding, it's: "So you're one of them hang glider guys, huh? You must be some kind of hippie with a death wish!"

Both are equally inaccurate. (I myself am a typical middle aged Silicon Valley type. Could almost be the poster boy for the local chapter of Nerds-R-Us!) But both activities need to recruit new participants to stay alive, which I admit is the real reason for this non-QRP-related post. If you've ever wanted to experience the feeling of flying like an eagle, without any engine noise or fumes, with the wind in your face, I encourage you to give hang gliding a try. Look in the yellow pages under "Hang Gliding" for the name of a dealer/school in your area. If you're in the San Francisco Bay Area, feel free to email me for local info. For web surfers, try <http://www.sky-adventures.com/hang/HGMPSHomePage.html>

Sorry for the band width. Just couldn't resist putting in a plug for my other passion. Now back to your regularly scheduled programming ...

72, Dan AC6LA (that's Alto Cumulus 6 Loves Airtime)
Morgan Hill, CA

Date: Tue, 12 May 1998 05:18:43 EDT
From: aa5yx@juno.com (John Harper AA5YX/2)
To: qrp-1@Lehigh.EDU
Subject: [10764] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
Message-ID: <19980512.051745.4943.0.AA5YX@juno.com>

On Mon, 11 May 1998 22:11:51 -0400 Richard Powell <ripowell@mpna.com> writes:
>well, since we are all listing our subs.....
>I was on:
>SSBN-632 (USS Von Steuben)
>SSN-614 (USS Greenling)
>and
>SSN-678 (USS Archerfish)

>73
>/rick
>wb6jbm/8

>>On Mon, 11 May 1998, Roger Hightower wrote:
>>> Well, I'll sure listen for you. I served on Queenfish (SS393) and
>>> Volador (SS490) early in my Naval career.
>>> --
>>> 72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ
>>
>>And I'll be listening too ...
>>Made 10 patrols on the USS Robert E. Lee (SSBN 601) in the 1970's.
>>My son is now in subs, a sonarman on the USS Nebraska (SSBN 739)
>>(Both are the missile subs)
>>
>>I didn't know you were an ole sub sailor, Roger. How many other
>QRPers
>>are bubbleheads? Now I know why we fit in so well!
>>
>>72, Paul NA5N (ss)

USS Barb SSN-596 from 1985-89, San Diego. (Thresher class)

John Harper AA5YX/2 (SS) (ex: KA5BBL (SS), KI5OW (SS), VQ9BL (SS))
TenTec Century 21, HW-9, NorCal 40A, OHR-100A/20m, 38S
NJ-QRP 148 QRP ARCI 9654 QRP-L 1514
<http://home.att.net/~j..harper>

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Date: Tue, 12 May 1998 03:30:59 -0700
From: Conrad <radman@best.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [10765] S&S -- M1 (preview)
Message-ID: <01BD7D56.62A6CD00@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

May 11, 1998

S&S Engineering targets \$600 QRP market with new M1

By Conrad Weiss - NN6CW

S&S Engineering today released the final name of their new multi-band QRP transceiver to debut at Dayton this week. Gone is the secret code-name, ABT. The final product will be called the M1. Dick Szakonyi, company president and 28-year veteran of RF design, has been dedicated to military receiver design for many years. The M1 moniker reflects the hi-tech wizardry of his \$25K military designs and the foxhole toughness of his S&S TAC-1 mono-band transceiver.

With the technology "trickle-down" of his mil-spec rigs packed into the bulletproof case-works of the TAC-1, the QRP community might find the HumVee of QRP radios up in the S&S hospitality suite. The M1 is predominantly space-saving SMT (Surface Mount Technology) allowing S&S to now consider adding an internal ATU (Antenna Tuning Unit) to their list of options.

S&S released further specifications of the M1, all of which will be available at Dayton '98. And, if you aren't headed for Dayton this year, here's a sneak preview of the M1 specs taken directly from their Dayton '98 literature:

The M1 from S&S Engineering

General Coverage Receiver with Collins Mechanical Filters

Standard Features:

Frequency Range: 1.8 to 30 MHz

Overall Size: 7" x 9" x 2.5" (W x L x D)

Power Output: 5 Watts

Tuning Steps: 1 Hz Min, 10 MHz Max.

Modes: CW, LSB, USB, and AM Receive

Continuous receive from 1.8 to 30 MHz.

RIT and SPLIT

Band Stacking Registers

Built-in Keyer with Digital Speed and Weight Settings

Automatic or manual Gain Control

Selectable Noise Blanker

Selectable Pre-amp

Audio Filter adjustable from 100 Hz to 3 KHz

Collins 500 Hz CW Filter (4:1, 3 -60 dB)

Optional Features:

Backlit Display (Adjustable Brightness)
Collins 2.5 KHz SSB Filter (2:1, 3 -60dB)
Optically-Coupled Shaft Encoder
Digital Power and VSWR Meter
8 pin Microphone Connector

"Employing DDS technology and designed to our most discriminating standards, this multi-band transceiver will fulfill all your expectations. Multiple option features will allow you to "design" your ideal rig. As with all S&S Engineering products, the M1 Transceiver is guaranteed to work."

Expected release date: mid-August, 1998

Factory-built M1: target price: \$600 (US).
Kit pricing - TBA. (All preliminary specifications are subject to change)

Standard disclaimers. I'm not related to S&S Engineering.

72 - Conrad Weiss - NN6CW

Date: Tue, 12 May 1998 08:27:24 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>, eax@w3eax.umd.edu, Laurel ARC <larc-1@webtrek.com>
Cc: tentec@contesting.com, forsale-swap@qth.net, VHF Mailing list <vhf@w6yx.stanford.edu>
Subject: [10766] Dayton wishes, banquets, great stuff FS incl. my Corsair II, FT-736, etc.
Message-ID: <Pine.LNX.3.95.980512074626.5173E-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you're going to Dayton, see ya there, and DRIVE/FLY SAFELY!

If you're not...see you next year?

The latest QRP banquet tally is 210. Yes, 210 PRE-registered people.
Tuesday via e-mail is the last chance for you to pre-register.

Stuff to sell, all of which I can bring to Dayton, all in excellent
condition, all with manuals:

Corsair II with external VFO, standard filters. Superb CW rig, but I
got a Paragon which I need for MARS capability. Radio needs PTO rebuild
(included if I can find it). VFO LED is off slightly. Memory keyer, dual
rx thru external VFO, lots more stuff. Wired for power supply switch to
turn radio on/off. \$850 delivered to Dayton.

Yaesu FT-736R w/keyer \$1350
S&S Engineering Ark20 w/keyer & variable pwr mod \$225
Ten-Tec Analog Century 21 80/40/20/15/10m CW xcvr \$175
Heath SB-1400 w/power supply (FT-747GX clone) & FM board \$625
Motorola 2m FM amp, about 80w output \$75
Yaesu FT-470 2m/440 HT, simultaneous rx on both bands \$240
Alinco DJ-582T 2m/440 HT w/extended coverage, AM aircraft \$265
Radio Shack Pro-2039 desktop scanner, hardly used, 200 ch. \$160
Radio Shack Pro-51 handheld scanner. New condition, \$175
Radio Shack Pro-50 handheld scanner, 20 channels, no 800 MHz. \$50

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

Date: Tue, 12 May 1998 08:32:44 EDT
From: DMRAWSON <DMRAWSON@aol.com>
To: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)
Subject: [10767] Re: Elmer101: All's Quiet?
Message-ID: <32f0de1e.3558416d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

No, Mike, I'm not done. Finished the VFO section, but can't find a signal on
my receiver around 3Mhz that i can identify as the VFO. Made an RF probe, and
get a reading at the emitter of Q2, but there is DC voltage present there
anyway, so I don't know if I'm seeing oscillation or not. Need an Oscope I
guess. Maybe I can get some questions answered at FDI.

Regards,

David KB8RRG

Date: Tue, 12 May 1998 08:31:31 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu, Laurel ARC <larc-l@webtrek.com>, forsale-swap@qth.net
Subject: [10768] FS: Radio Shack dipole antennae
Message-ID: <Pine.LNX.3.95.980512082807.5173G-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Remember those Radio Shack dipole antennas they sold for SWLing?

They sold 'em for \$29.99 and recently closed out a bunch of them for \$3.97. Going to a RS tent sale, I saw a mess of them and figured I grab 'em and if anyone wanted one, it'd be easier to get from me than from "wherever" in the RS distribution system.

\$4.75 each, as I had to drive to get them (an afternoon off work, too :)

Ship via UPS/USPS or deliver to Dayton. I've got something like 22 of them left (started with 38).

See you there!

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

Date: Tue, 12 May 1998 08:18 -0700 (PDT)
From: eakwik@mail.hac.com
To: qrp-l@Lehigh.EDU
Subject: [10769] 10 meter fox hunt
Message-ID: <0ESU00402G808Q@mail.hac.com>
MIME-version: 1.0

Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1

I worked my frist 10 meter fox last night. It was also my first
ever 10 meter contact. This is going to be fun.

Ed Kwik KC8JIE QRP-L# 1444

Date: Tue, 12 May 1998 08:56:07 -0400
From: n1wcc@juno.com (Arol b hill)
To: qrp-l@Lehigh.EDU, qrp-l@Lehigh.EDU
Subject: [10770] stuff to trade for qrp rig
Message-ID: <19980512.085608.13670.8.N1WCC@juno.com>

Hi All

Have a couple of items that i'd like to trade for a unbilt qrp kit or
maybe a built one would like a ohr or a norcal product but if anyone is
interested let me know what you have

Thanks for reading this

Astron 20 amp power supply like new in origional box with documentation
used very little..two meters on front volts and amps
\$80.00 firm plus \$6.00 for ups shipping(model rs20m)

Mfj deluxe versa tuner 2 model 948 nice shape with book \$75.00 ups
shipping included..
no internal dummy load..

Will trade either or both for unbilt or built qrp rig
Arol
n1wcc

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 12 May 1998 08:48:19 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Bruce Rattray <rattray@gpfn.sk.ca>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10771] Re: Tick-1 power supply
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 11 May 1998, Bruce Rattray wrote:

>
> I'd like to try running my Tick-1 with 3 #357 silver oxide batteries in
> series but I'm struggling to come up with some device to hold them in...any
> ideas that will make me say "Now why didn't I think of that?"...HI HI...tnx
I cut two squares from thin cardboard (QSL stock could be abt right) and
taped along three edges. Slip the battery in, strip two wires, and slide
them in on each side of the battery. Works for me on my TiCK...

73,

Bob Patten, N4BP

, ' ' ' ,

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Tue, 12 May 1998 08:01:58 -0500
From: "Donald G. Dorn" <ddorn@swbell.net>
To: rmccarty@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10772] Re: Varactors good/bad?
Message-ID: <35584845.61CC8CAB@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roger I have built several vfos with these critters, using a variety of
varactors and had the same results as you. What I've had to do is offset the
drift with parallel caps, neg or pos temp comp as needed, and lower the voltage
to the tuning pot. I have two vfos in use now which were built this way. Both
are stable after warm up but require at least ten min to stableize.

.....Don K5AAR

Roger A. McCarty wrote:

> I tried subbing a BB104 for the variable capacitor in a Hartley and found
> that the results were less than satisfactory. It all but ruined the normally
> excellent drift characteristics of the Hartley.
>
> I wonder if there is a "Good" varactor. One that shows acceptable, low drift
> characteristics? One that perhaps you have used with good results?
>

> Thanks
>
> Roger KD6CC

Date: Tue, 12 May 1998 20:11:48 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.EDU>
Subject: [10773] Dayton: stuff FS
Message-ID: <199805121311.IAA28059@mail.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I'll be taking a few goodies with me to Dayton if anyone is interested...
let me know.

I've got a S&S Engineering ARK20 with built in keyer... A TAC-1 for 80
meters that needs alignment.
and possibly an Alinco DX-70T and Timewave DSP-9. Looking forward to
meeting you at Dayton.

Best Regards,

Kelly Ellison
WB0WQS
kelman@dialnet.net

Date: Tue, 12 May 1998 15:06:12 +0200
From: "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
To: "'Internet Liste via PoP3'" <qrp-1@Lehigh.EDU>
Subject: [10774] Linear PA for QRP+ and other QRP stuff
Message-ID: <000b01bd7da9\$bcf59cc0\$16d374a7@ZENKERPN.perkin-elmer.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One of the famous constructeurs of German DL-QRP-AG, just finished the

design and prototyping of our first club project. Allthough we cannot publish it in DL before June (when the next issue of QRP-REPORT will be available), I think I MUST show it at Dayton's QRP meeting because no one knows if I can be there next year again.

It is a Power Amplifier! Yes, but of course a QRP PA. It is constructed on a 3 by 4 cm board to be mounted on a backplane or the bottom of a rig (only 12mm thick), has a push pull Amp running absolutely linear and - depending on the type of used transistors- Version A covers 1 to 14 MHz and Version B covers 1 to 50 MHz. Both Versions give 38 +/- 1dB gain. We use cheap bipolar transistors (2 SC...) and SMD Parts except the driver, the two push pull and a Constant current transistor. This is done not to keep it small but it is the best way one can go to hold all connections very short, an absolute must if you use 12 Volt technology.

I installed one of this PA at the backpaneel of my old QRP+. The result is fantastic. It gives 5 Watt on all bands +/- some milliwatts. (Actually it runs also 9.8 Watt on all bands, but as I am a CW man, I adjusted it at the 5W level) The only problem are the QRP+ spurious, they are gained now as well. I had to install an extra low pass between QRP+ and PA and I will also try a split filter if I am back from Dayton.

I will have one of this PAs with me in Dayton, also the schematics plus some theories. Maybe, I will publish the details in US QRP Magazines too (if they are interested). Hopefully this will be the starting point of a bidirectional Exchange of QRP related ideas. In the past it has been more a one way because we are a lot of QRPers in DL but there was no group or organisation to manage this exchange.

What other stuff will I bring with me to show you ?

Schematics of two excellent working, extreme small DDS designs,
The famous TP20 txvr (monoband, CW/SSB with high level IP3)
Anke2, an allband txvr with modules like the Sierra but smaller than the NorCal 40A
Serba89, an ultra portable high class txvr

See U in Dayton

Peter, DL2FI

Date: Tue, 12 May 1998 09:42:47 -0400 (EDT)

From: "Peter C. Wotherspoon" <Peter.C.Wotherspoon@hydro.on.ca>
To: qrp-1@Lehigh.EDU
Subject: [10775] ELMER101
Message-ID: <Pine.SUN.3.91.980512093843.11421A-100000@strong.Hydro.ON.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This has already been addressed, to some degree, but I has always bother me why caps are apparently ganged-up/in parallel with high and low values for bypassing. I always figured that surely the larger one had the smaller ones value included, and the extra small value was unnecessary.

I gather that it has something to do with the construction of the cap.
I still don't get it tho!
I can believe, but I'd rather understand.
Ve3gyy
Peter
Whitby

Date: Tue, 12 May 1998 08:42:03 -0500
From: "ukii" <ukii@megsinet.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [10776] Spring Reminder--- LIGHTENING
Message-ID: <002101bd7dab\$c3267900\$494f85d0@ns1.megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Gang.
Well,each year in the spring I have been reminding my friends locally about checking their antenna's to see how they have survived the winter.I know this is a little late but...
I also mention about some type of lightening protection. My current setup is far from what I need,but my tower etc will go up after Dayton.
Anyway,the following is a message I wrote for a newsletter and figured I would post it here to just remind,and perhaps persuade you to check your system...
Please,I know I am not an Inglish Professer so,,,well,just excuse the grammar etc... hihi
Ok,Thats my spiel,,,
Thanks for listening and hope to see you in Dayton (yea!!!)
Best 73 de john

n9ukx

Spring Lightening Protection (John, ukii@megsinet.net)

Well Spring is here and that means those thunderstorms and high winds won't be far behind. Each year when spring has sprung I go out and check my antenna system. I physically go check the guywires on the mast holding my 2-meter beam up. I also check my vertical's and dipoles mounting brackets.. In the past I have visually checked them and they looked good, however, after an unexpected trip to the roof I noticed one of the guys was badly frayed and in need of replacement. I also check the mounting hardware to be sure all is still tight. While up there I take a peak at the coax connectors to be sure they look good and the coax seal is still in place. One other thing I do is spray the screws and nuts with WD-40.

Lightening... Well, please make 100% SURE all your antennas are PROPERLY GROUNDED. There are many sources on how to ground an antenna system, one being the ARRL Handbook. I am sure there are many excellent sites on the WWWeb, which can provide guidance in this area. Each of my antennas are grounded in two places, one at the mast, the other near my shack where the coax enters my house. I have 3 eight foot ground rods which all my equipment is connected to. One rod is under the window going to my shack; the other two are in the back of the house, directly below my antenna masts. I use some 1 inch copper braid as my grounding wire but any heavy gauge wire should do the trick. An important note is that the PHYSICAL connection between the wire and the grounding rod must be secure. Too often I see a nice ground system with only a SOLDER connection holding the ground wire to the rod. This is NOT adequate! Remember that if you have a nearby lightening strike, there will be a tremendous amount of current on the grounding wire. At the point where it is soldered to the rod, the resistance is higher than the rest of the system, higher resistance means heat, more heat means melting solder, kaboom, and poof, there goes your ground. There are many schools of thought concerning lightening protection and I am not here to debate them, nor debunk some of them, suffice to say that you should have a ground wire on all your equipment. Two reasons people ground things for are RFI (radio frequency interference) and lightening protection. The two grounding methods are in my opinion different. Grounding for RFI ONLY means a thin wire to a waterpipe. Grounding for lightening protection is a different ball of wax all together. Heavy wire, good ground rods and heavy-duty physical connections are my school of thought. Whenever there is an electrical storm approaching I always disconnect my antennas. I have a copper waterpipe, which I soldered SO-259 coax connectors on. I screw my antenna coax to these and then the copper pipe has a very heavy copper braid going to the nearest ground rod. Also when I am leaving home I make sure my stuff is disconnected because it is my luck a major storm will hit and I won't be able to call home because the phones are out.

Date: Tue, 12 May 1998 09:49:58 EDT
From: w8gnd@juno.com (Jerry W O'Dell)
To: qrp-1@Lehigh.EDU
Subject: [10777] sgc cw prowess
Message-ID: <19981012.214529.5119.0.w8gnd@juno.com>

I've been intermittent, so I may have missed this.

Last I heard, cw was the last order of priority in the
SGC unit.

Apparently this has changed. I had thought of getting
one, but I sure don't want to sound like donald duck!

w8gnd

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Date: Tue, 12 May 1998 15:57:39 +0200
From: "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
To: "'Internet Liste via PoP3'" <qrp-1@Lehigh.EDU>
Subject: [10778] RE: SG-2020 - Wait a minute!
Message-ID: <000c01bd7dae\$3f1ba600\$16d374a7@ZENKERPN.perkin-elmer.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Michael,
I think you reflect to my report, therefore I will give my answers too

> Where were the positive or 'plus' items in the original
> European Reports?
>

If I find positive items (better then standard), you can be sure, I write
about them.

> The case, and construction, seem to be good?

The case is stable, but that a standard in our days
If you mean mechanical construction, its standard

> What about the General Coverage RX - is that OK?
For Amateur Radio Use IMO General Coverage Receiver never is a positiv
feature. I allways generates more IM problems the a band receiver

> It seems to be 'Bulletproof' in the Hardware!
I didnt test this, because if not, there would be no chance to return the
rig after testing :-))

> It seems to be WELL BUILT!
Thats not a positive item, thats a MUST because I pay for it

> The connectors, interfaces, etc., seem to be fine?
Only standard SO239 and 3mm plugs.

> All in all, a LOT of features seem to be GREAT!
???

> It appears to work FINE for Most SSB applications!
Yes, I did say that. In most applications means: no CW stn near by
>

> What a one sided series of reports, from one person (or
> group), we seemed
> to get - and seemed to accept!

>
> I think that we had better wait and see what the overall unit
> is capable
> of, before we make our judgements.

I agree 100% and I hope to see some of these tests soon.

>
> I, for one, will keep my order outstanding, and suspect that
> I will get a
> GOOD rig, perhaps only for SSB, but that was my wish all along!
>
> 73, es 72, - - - - Mike.....>

Thats ok for me, but my friend, who payed money for his rig is a CW op. He
bused it because SGC made some advertising for the 2020 calling it a fully
QSK txvr

By the way, who can answer me a question. As far as I know the US Version
will be delivered with a Ham Band Only TX. The new advertising of EDC
addresses Para Militair, Oil Platform Workers, Emergency Organisations and so
on as the requested User Group. Will they all use the ham Bands in
future?? -- Just a question---

72/73 de Peter, DL2FI

Date: Tue, 12 May 1998 10:07:33 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [10779] Re: Tick-1 power supply
Message-ID: <Pine.LNX.3.93.980512100513.706A-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 11 May 1998, Bruce Rattray wrote:

> I'd like to try running my Tick-1 with 3 #357 silver oxide batteries in
> series but I'm struggling to come up with some device to hold them in...any

Bruce,

In some PC applications I've had to use two "coin cells" instead of one,
and just re-bent the arm on the battery holder to get two in. With three,
you may need a wire-tie/tape to keep them mechanically stable.

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | <http://dns.vidtel.com/~ccart> --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

Date: Tue, 12 May 1998 10:08:07 -0400
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
To: qrp-l@Lehigh.EDU
Subject: [10780] Re: 10 meter fox hunt
Message-ID: <355857C7.7DA08212@eng14.rochny.uspra.abb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fox Hunters,
I will be on 28.060 at 12:15 UTC for about a half hour.
Then back on sometime after 16:00 UTC.

Hoping to CU.

73,

Tom, kv2x

Date: Tue, 12 May 1998 10:25:36 EDT
From: aa5yx@juno.com (John Harper AA5YX/2)
To: QRP-L@Lehigh.EDU
Subject: [10781] Re: Ahhoooga Ahhoooga, "DIVE DIVE", Ahhoooga, Ahhoooga!!!!!!
Message-ID: <19980512.102456.6695.0.AA5YX@juno.com>

>At 05:18 AM 5/12/98 EDT, you wrote:
>clip
>>USS Barb SSN-596 from 1985-89, San Diego. (Thresher class)

On Tue, 12 May 1998 10:22:57 -0400 Richard Powell <ripowell@mpna.com>
writes:

>and lived through it!!!!!!
>good old 613 class.....
>73
>/rick
>

I built my HW-9 at test depth while standing Chief of the Watch and
rigged for reduced electrical due to a reactor scram as we prepared to
make a spiral ascent to the surface in State 7 seas north of the Arctic
Circle, while simultaneously performing TDU ops.

Lived through it? Man, I thrived! ; -)

John Harper AA5YX/2 (ex: KA5BBL, KI5OW, VQ9BL)
Ex: ET1(SS); USS Barb

TenTec Century 21, HW-9, NorCal 40A, OHR-100A/20m, 38S
NJ-QRP 148 QRP ARCI 9654 QRP-L 1514
<http://home.att.net/~j..harper>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 12 May 1998 07:41:58 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <mwattcpa@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10782] Re: Paint tips
Message-ID: <037c01bd7db4\$204b1a20\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Marty --

Automotive paints worked extremely well for me on the NorCal K8FF paddles I built. They are perfect for the steel. Scrub the base to get every last molecule of oil off it, then immediately paint it before it rusts. Use lots of thin coats, and sand between each coat.

Gunmetal sounds like a "killer" color for the paddles! You gotta post some pictures when you're done.

Mike K1MG

Date: Tue, 12 May 1998 11:09:15 -0400
From: Tom Cooper <cooper@gmpvt.com>
To: qrp-1@Lehigh.EDU
Subject: [10783] Ten-Tec PTO easy fix
Message-ID: <3.0.5.32.19980512110915.007a3e70@web.gmpvt.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Apparently others also have some T-T pto problems, so I wanted to share (what a new-age sensitive guy, huh) last night's results.

My Corsair II main pto turned harder than the remote pto and would sometimes move a little in the opposite direction of that being tuned.

I removed the tuning knob and the dial skirt. On my radio, there are two little springs behind the front panel that drag on the outside of the outer concentric shaft to reduce backlash, I suppose. Yours may not have these, depending on the model.

First I loosened the screws holding the springs and reduced the spring tension a bit.

Then, I pointed a hair dryer on low heat directly into the front panel hole and kept it going for a few minutes until the shaft was kind of hot. I figured that maybe some of the grease would melt.

Next, using a small screwdriver blade as a carrying tool, I put some "penetrating lubricant with teflon" that I have had for years on the outer shaft to lube where the springs touch, on the inner shaft where it goes into the outer shaft in back of the tuning knob, and into the reduction gear where the shaft enters in in back of the front panel. I only applied the tiniest of drops of oil. Then I tuned the radio back and forth for a while, using my fingers to turn the inner shaft directly. I could feel it loosen up as I turned it.

When it felt like it had reached the steady state, I replaced the skirt and tuning knob and it now works perfectly, with a nice light touch but no backlash.

Getting the skirt back on is tricky. I used a loop of wire around the end of the spring in the skirt to pull the spring out of the way while pushing the skirt back on.

Good luck to anyone who tries this!

Tom W1EAT

Date: Tue, 12 May 1998 08:16:50 -0700 (PDT)
From: Old Radios <old_radios@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [10784] Norcal Paddles
Message-ID: <19980512151650.15399.rocketmail@send1d.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well, I finally finished the paddle kit last night after a few months of 5 minute work sessions. In case

there's anyone out there that hasn't started their's yet because they think they need a machine shop, it just ain't so.

I did all of the work by hand, including sanding of the base. Painted it, and polished the brass parts with wd-40 and some fine steel wool. The brass parts came out nicer than I expected. I hope to have an image on my web page soon.

Made my first contact last night using the paddles and I'm very pleased with them. I just HAD to get them finished before the new kit comes out

Build those paddles!

Patrick N10CJ

==

Patrick Franzis email: old_radios@yahoo.com

DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 12 May 1998 08:32:22 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <Peter.C.Wotherspoon@hydro.on.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10785] Re: ELMER101
Message-ID: <01bd7dbb\$286361c0\$9aa9d9cf@accurate-1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am not participating in the Elmer Project, but I think I am qualified

(read, made enough mistakes to accumulate some experience) to respond to this.

It has to do with heating. In an oscillator, the demon is heat. Heat whether from an external source such as the weather and or high power resistors/transistors, or from internal sources such as RF currents flowing in the circuit. The latter is the primary purpose in using many smaller capacitors as opposed to a large single value component. When we design an oscillator, one parameter always adhered is to keep the RF currents low to the point of only allowing a reliable start of the oscillator. A designer could use capacitor values that would allow large RF currents to flow and hard immediate start of the oscillator as soon as power is supplied however, that would mean extremely large (proportionately) RF currents and thus high levels of internally generated heat. Result is drift. If we design the oscillator to just barely but reliably start upon power up, we can reduce the amount of internally generated heat and lower the drift characteristics. Analogous to shoving a pendulum of a clock with full force as opposed to gently nudging the same cantilever.

Heat is the enemy because as RF currents flow, the elements that comprise the plates of a capacitor will bend or flex, expand and/or contract ever so slightly, thereby increasing or decreasing the spacing between the elements and changing the net capacitance. Then we have a change of frequency that follows the heating/cooling cycle. A large plate or film will expand and/or contract in proportionately larger excursions as compared to smaller plates/film. By using more but smaller values of capacitance in parallel, the net effect of flex under heat is reduced thus less drift or frequency excursion. In addition, because there is a larger number of plates/film, the amount of excursion of each is far less. Or perhaps a better way to say it is that each will bend/flex independently of each other, in varying degrees with a net change totaling less than larger plates all bending to the same degree at the same time.

If you have been able to conjure up a mental image picture of this phenomenon, then now you can see what is happening in Negative, Positive and npo Caps.

A positive Temperature compensated capacitor is one which has been designed with a built in Concave curve to the plates/film, so that when it does flex under heat, the flex follows the natural concave curvature of the plates, therefore decreasing the net capacitance of the unit and raising the frequency. Of course the opposite is true of Negatively compensated caps. They are built with a convex curvature, bending further outwards under heat and therefore increasing the net capacitance and lowering the frequency of the parallel resonant circuit. NPO's are built with alternating convex and concave plates/film with the net result hopefully being zero. Regular caps are thrown together any ol' way and the net result is unpredictable.

It also explains why Metal Film caps are to be avoided at all costs in VFO's. The metal film bends wildly and uncontrollably and can vibrate if struck.

-----Original Message-----

From: Peter C. Wotherspoon <Peter.C.Wotherspoon@hydro.on.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, May 12, 1998 7:25 AM
Subject: ELMER101

>
>This has already been addressed, to some degree, but I has always bother
>me why caps are apparently ganged-up/in parallel with high and low values
>for bypassing. I always figured that surely the larger one had the
>smaller ones value included, and the extra small value was unnecessary.
>
>I gather that it has something to do with the construction of the cap.
>I still don't get it tho!
>I can believe, but I'd rather understand.
>Ve3gyy
>Peter
>Whitby
>
>

Date: Tue, 12 May 1998 09:30:15 -0600
From: "Rattray, Bruce" <Rattray@sias.sk.ca>
To: "'eakwik@mail.hac.com'" <eakwik@mail.hac.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10786] RE: 10 meter fox hunt
Message-ID: <ABB04875E11AD01191A40000F83092BE8325C6@STONE>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7BIT

Listened all weekend on and off but nothing heard....I have the feeling that when I start getting something on 10 mtrs here, the band will be VERY good in the US...come qrp-lers!...72 - Bruce(VE5RC+VE5QRP) - scanning both cw & ssb - official working ssb for the hunt.

-----Original Message-----

From: eakwik@mail.hac.com [SMTP:eakwik@mail.hac.com]
Sent: Tuesday, May 12, 1998 9:18 AM
To: Low Power Amateur Radio Discussion

Subject: 10 meter fox hunt

I worked my frist 10 meter fox last night. It was also my
first
ever 10 meter contact. This is going to be fun.

Ed Kwik KC8JIE QRP-L# 1444

Date: Tue, 12 May 1998 08:43:33 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <Peter.C.Wotherspoon@hydro.on.ca>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [10787] Re: ELMER101
Message-ID: <045901bd7dbc\$b9b03b20\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In theory, all hams are slim, handsome, great conversationalists at
any cocktail party, and have over-achieving kids. In practice,

In theory, all capacitors are pure and stable, strictly obeying the
impedance formula, $x = 1/2\pi fC$. In practice, they change value with
temperature, they have lossy dielectrics, they have resistive
contacts, and they also have a bit of inductance in the leads and
plates.

If you remember the impedance formulas from your ham exam, you will
recall that the impedance of a fixed value of capacitance decreases as
you increase the frequency of the signal you are passing through it.
The impedance of a fixed value of inductance increases with frequency.
What happens, as you increase the frequency of the signal, to the
impedance of a typical ceramic capacitor which has a little bit of
stray inductance? At low frequencies, the inductive part contributes
very little impedance, so the capacitive impedance predominates --
that is, it behaves like a capacitor! As you increase the frequency,
the capacitive impedance decreases and the inductive impedance
increases. Would there be a particular frequency at which the
capacitive impedance equals the inductive impedance? Absolutely! And
if you increase the frequency still further, the inductive impedance
becomes higher than the capacitive impedance, and your poor capacitor
behaves just like an inductor! The frequency at which both impedances
are equal is known as the self-resonant frequency. This frequency is
set by the materials used and the construction of the capacitor. It

can also be affected by how the capacitor is installed, which is why all the kit instructions tell you to mount the cap very close to the board, with the minimum lead length necessary. In general, for capacitors of the same type and general construction, the larger value cap will have a lower self-resonant frequency.

The ideal bypass component would have infinite resistance at DC, and zero impedance everywhere else. Unfortunately, this component is not yet available, but a capacitor comes close. It has very high impedance at DC and decreasing impedance at higher and higher AC frequencies -- this is, until you hit its self-resonant frequency. At that point and beyond, it becomes less and less effective as a bypass component because its impedance is becoming larger. The capacitor is a very effective bypass at some frequencies but useless at frequencies somewhat above its self-resonant frequency.

How do we handle this problem? If we use a large value cap which is a good bypass at low frequencies but useless at high frequencies, and put a small value cap in parallel with it, the small cap will not be very effective at the low frequencies, but since its self-resonant frequency is much higher, it will be effective at the high frequencies where the big cap is useless. Simple!

If you pull out some data sheets for capacitors, you will often find graphs of this and other characteristics of the component (impedance vs. frequency showing the self-resonant point, equivalent series resistance, etc). Keeping all these practical limitations of real components in mind and adapting the design to accommodate them is part of the engineering process.

Incidentally, this is also the reason why you won't find a cell phone built with anything other than surface mount components. The self-resonant frequency of chip caps is much higher than leaded caps.

BTW - inductors have similar flaws. The latest QRPP has an interesting article about the RF choke used in the Back-to-the-Future project. It's an interesting education in the real impedance of an inductor at HF frequencies.

Mike K1MG

>

>This has already been addressed, to some degree, but I has always bother

>me why caps are apparently ganged-up/in parallel with high and low values

>for bypassing. I always figured that surely the larger one had the
>smaller ones value included, and the extra small value was
unnecessary.

>

>I gather that it has something to do with the construction of the
cap.

>I still don't get it tho!

>I can believe, but I'd rather understand.

>Ve3ggy

Date: Tue, 12 May 1998 09:02:23 -0700

From: "Roger A. McCarty" <rmccarty@earthlink.net>

To: <Peter.C.Wotherspoon@hydro.on.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [10788] Re: ELMER101; addendum

Message-ID: <01bd7dbf\$59f81ce0\$9aa9d9cf@accurate-1>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Another reason I did not mention in the prior post.

Smaller caps drift in proportionately smaller steps and are somewhat self compensating. I.e., A 10% 10pf cap will drift up/down by 1 pf. A 10% 100 pf cap will drift up/down by 10 pf. The ultimate result of 10x10 pf caps to equal 100 pf may seem the same however, 5 of the 10 pf caps may drift up and 5 of the 10 pf caps may drift down resulting in a net change of zero whereas a single 100 pf cap will always drift in one direction by the tolerance spec. Of course, it is improbable that you will get symmetrical results like 5 up and 5 down however, the odds are that you will NOT get 10, 10pf caps that all drift in the same direction.

(You thought this was a science? :-)

I did not mention Silver Micas that are commonly used in VFO's. The Silver Mica film tends to be more rigid than ceramic film and are less likely to flex with the same intensity under the same proportionate degree of heat however, when they do flex, they flex at a higher ratio than ceramics. Plus, the drift direction is unpredictable. In tightly controlled temperature environments, they *can be* more stable than an NPO ceramic. In the real word this generally does not hold true.

Roger KD6CC

Date: Tue, 12 May 1998 12:02:55 -0400
From: jim <kw3u@warwick.net>
To: pharden@aoc.nrao.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10789] Re: Ahhoooga Ahhoooga, DIVE DIVE DIVE!!!!!!
Message-ID: <355872AF.1DA0@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok , never been on a sub but have been tied up close to
a Russian/Soviet sub in singapore in 1969(I thought sub
people were supposed to be short,these dudes were bears)

Also worked many Sub special events including Wayne
Greens USS Drum.

Last but not least; when I reported aboard a Research
ship (uss jamestown agtr-3) in the south china sea area,
I was assigned a navigation detail and had to shot tangents
on some thingie(I was a CT, what did i know) it was stormy and
I reported a periscope to the exec...Man never lived that down.
the local fishermen used long bamboo to hold down nets to
catch manta rays... End of KW3U's sub stories...

Date: Tue, 12 May 1998 12:04:34 -0400
From: "Hugo W. Catta" <hugo@banet.net>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10790] Re: Tick-1 power supply
Message-ID: <35587312.EEEA33DF@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce:

I'm with you; Just hate to reprogram the little bugger...
Have you thought in simple shrink tubing to hold them together? Silicon
rubber, hot glue or Neoprenne to stick it to the surface?
Just cut it to replace the cells.

72 - 73,
Hugo
CX9AAK/W2

Bruce Rattray wrote:

> I'd like to try running my Tick-1 with 3 #357 silver oxide batteries in
> series but I'm struggling to come up with some device to hold them in...any
> ideas that will make me say "Now why didn't I think of that?"...HI HI...tnx
> & 72 - Bruce(VE5RC)
>
> e-mail: rattray@gpfn.sk.ca

Date: Tue, 12 May 1998 16:08:28 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10791] Antenna Simulator Measurements.
Message-ID: <355873FB.38EB@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm sure everyone is on pins and needles.

As I promised on Friday. Here's the results
of measuring the AN/URM-25 antenna simulator.

Test Method and materials:
Antenna Scope
50 Ohm load.
GDO (Grid Dip Oscillator.)
Antenna Simulator.
Pen/paper etc..

I connected the Antenna Simulator to the

Test port of the Antenna Scope (Plans on my Webpage).
A load is placed on the Antenna Simulator output port.

Setting the Bridge to ZERO Ohms, I lightly coupled in
the GDO signal for a 75 uAmp reading on the meter.
THIS IS THE CALIBRATION STEP.

Once calibrated for the 0 Ohms reflection, I then recorded
the Resistive bridge readings for all signals reflections
less than/equal to 30 uA. (Arbitrary decision). I then
changed the GDO frequency and continued tabulating the
results.

NOTE: The antenna scope measures the Resistive condition
only. I found that the Antenna Simulator provided a some-
what wide range of resistive readings and the Simulator
seemed to be absorbing signals quite well, almost like
it radiated into the 50 ohm termination.

I also checked for 'deep resonant' conditions if any,
that the device had.

RESULTS

Significant Resonant nodes at: 68 MHz and 90 MHz.

FREQ (MHz)	Resistive Range (Ohms)
------------	------------------------

3.5	70 to 1K
5.0	80 to 1K
7.0	110 to 1K
7.5	110 to 1K
10.0	120 to 1K
15.0	110 to 1K
20.0	130 to 500
25.0	125 to 375
30.0	110 to 310
35.0	100 to 275
40.0	80 to 275
45.0	85 to 220
50.0	75 to 200
55.0	80 to 175
60.0	80 to 150
65.0	80 to 150
70.0	100 to 150
75.0	25 to 150
80.0	20 to 120
85.0	20 to 120
85.0	25 to 175

90.0 50 to 175
95.0 50 to 250
100.0 50 to 175

SUMMARY:

The Antenna simulator was very interesting to measure. I found that whereas I could measure the Antenna tuner quite sharply, the Tuner did not provide the broad resistive readings I obtained with the simulator.

Best 72 to all, and I'm hopeful this report is useful in some way.

-Ed Loranger/WE6W

For Clarity and REFERENCE, here's my Report and Ascii schematic for the Antenna Simulator posted last Friday:

Here's the part that I have. Apparently this is an accessory for a military Signal Generator kit. One list memeber may have official documentation on it.

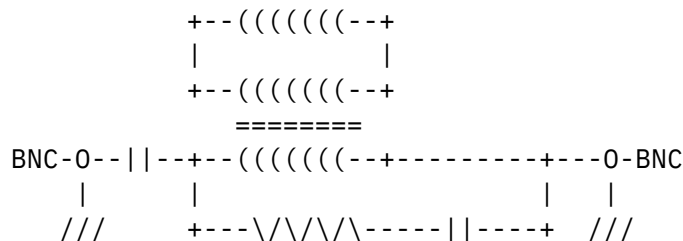
"Antenna Simulator
SM-35/URM-25
Part of AN/URM-25D"

I opened the box whice is very small. 1"x1"x2" and has BNC connectors at each end which actually are screwed into the box which has tapped threads for the BNC. So no screws used to mount the BNC connector.

The only part I'm not sure of is a 4-terminal device that looks like a 2-watt resistor with two axial leads at each end. When oriented with one lead high on each side and the part horizontal, the top leads have a wire soldered which is wound around the body of the part and ends at the other top lead. There is no other connection to these top leads, just the coil. My best guess on the part is that it is a two hole ferrite balun with one side floating and terminated in the coil.

I'd like to add that I'm not very knowledgeable on these ant. simulators, but my gut feeling is that there may be different types. I.E. Simulators for Dipoles, Verticals, resonant/non-resonant etc. I guess the answer we want is to the question: "What happens if I load my rig into my dipole at different frequencies." The ant. simulator should be designed to help test this without actually having to carry the dipole around. And also provide repeatable measurement results.

Anyway, here's my best guess on parts and values.



CAPS=200pF

Resistor=400 Ohms (Measured)

TOP Coil is 35Turns #30 AWG on body of 2-Watt sized molded 4-terminal device I think is a ferrite balun. It has colored bands but they are covered by the outer coil.

That's it. Unless I cut the coil ends and measure the device. (Not doing that.)

I hope someone can use this info or clarify what the values are. Perhaps give us another antenna simulator design.

Best 72 to all and Happy Friday!

-Ed Loranger

--

<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Tue, 12 May 1998 09:21:09 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: ukii <ukii@megsinet.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10792] Re: Spring Reminder--- LIGHTENING
Message-ID: <Pine.SOL.3.96.980512091507.4677B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I would like to suggest that you all look at the PolyPhaser
web page at: <http://www.polyphaser.com>

They have a LOT of good info about lightning and lightning
protection.

The best protection for the equipment from what I've read is
disconnecting it!! And that includes the AC cords and telephone
lines.

On the other hand, I've never had a problem in over 45 years
and don't bother to do anything other than use a resistor to
blead off the static!

Dayton, here I come..... :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 12 May 1998 12:26:04 EDT
From: SNickrand <SNickrand@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [10793] F/S 85' Tower in SW Indiana (U Take down) \$85
Message-ID: <bf644629.3558781d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

A ham friend of mine has the tower. It is guyed and guy wires come with the

tower.

Your requirements would be to remove a roter and two damaged antennas (roter not working, a 2m and a tri-bander, which I will pay for, keep and repair) from the top of the tower and you will have to disassemble and remove the tower. The bottom is not hinged. It is cemented into the ground and will have to be cut at ground level.

Interested parties contact me directly at my email address. 73's Bill Nickrand

Date: Tue, 12 May 1998 12:42:07 -0400
From: Ken Newman <n2cq@citnet.com>
To: QRP-L@Lehigh.EDU, njqrp@njqrp.org, epaqrp-l@Lehigh.EDU
Subject: [10794] OHR 100A Report
Message-ID: <1.5.4.16.19980512163543.18afee06@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Group,

I just completed the 40 Meter OHR 100A rig. Came up with no problems out of the box. Very quick to complete and a very good board to make it simple. After adjustment, it gave me a hair above 5 Watts out.

Plenty of audio for a speaker and then some.

Has anyone who has built a copy of the 100A on 40? I get two large hetrodines at about 7030 and 7050 and a very large one at 7075 or so. That is about the only negative comment I can find to mention. In general, a great rig for the price!

72/73,
Ken Newman, N2CQ
Woodbury, NJ
N2CQ@Citnet.com

Date: Tue, 12 May 1998 16:49:45 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10795] OHR-100 Thermal Drift cures?
Message-ID: <35587DA9.5127@qsl.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have no connection with OHR, but I just live this OHR-100.

BUT -- It also does not like heat. In the BUBBA sprint it got hot sitting in the sun. Two problems are that the power drops fairly quickly to just under 3 watts, and the other is that the FREQUENCY changes up to 5 KC's!

I am prepared to dig into a cure for my particular rig, and of course I will share anything I discover that can be used by others. But I am trying to leverage any information I can find, there is just so many projects that need attention and it is time for efficiency.

So, I am appreciative for any help anyone can give me on reducing drift. I am familiar with NP0 caps and such but don't have any.

My first pass will be fining out where in the circuit the drift is originating. Maybe time to find a bottle of Koolzit.

Tks Friends,
Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Tue, 12 May 1998 10:52:58 -0600
From: Niel Skousen <nskousen@scientech.com>
To: rmccarty@earthlink.net, qrp-l@Lehigh.EDU
Subject: [10796] Elmer101: Re: Varactors good/bad?
Message-ID: <199805121653.KAA32108@eaglerock.if.scientech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Roger, hope this is somewhat an answer to your question, and decided to add some Elmer info too, hope I don't offend you in the scope of the answer....

On the topic of Varactors, they are virtually all 'good' BUT they are not the same as a variable capacitor.

You cannot substitute them directly and achieve equivalent performance, but

you can nearly always incorporate a varactor into a circuit and achieve good performance if you take all the effects into account.

These different effects include:

- temp coefficient
- junction conductance
- non-linearities with respect to instantaneous voltage, that is the sum of both the tuning voltage and the RF voltage at any time but especially the peak
- V.tune impedance

Others have already addressed the different temperature coefficient, so I'll leave well enough alone.

All solid state junctions suffer from one significant difference from a 'real capacitor'. IF the RF voltage is large enough the diode junction will conduct during that portion of the cycle that exceeds the diode 'on' voltage. This introduction of non-linear effects includes changing the RF impedance of the circuit, changing bias if the circuit is designed wrong, and changing the instantaneous capacitance and hence the tuning. This is to be avoided at all costs. sometimes you will see two varactor diodes in series with opposite polarity. the tune voltage will be feed to the junction of the cathodes. this is to eliminate conduction in the circuit. (one will always be non-conducting..) Preferably, the designer accounts for the peak voltages and ensures that the diode is not going to go into conduction.

In the same vein. A varactor diode (ALL!!!) exhibit non-linear relationships between V and C. This is still true with respect to the instantaneous voltage we talked about above. The C you really get is based on the sum of both the tuning voltage and the RF voltage at any instant of time. This results in spurious modulation, oscillators which will start and run for a few cycles, stop for some small portion of the RF cycle, and then restart (this is the voice of experience, and a REAL pain to find at Ghz freq's!!), and many other nasty behavior. Good designs will ensure that the instantaneous variation does not substantatially deviate from the tuning point.

Although not a function of the Varactor, another potential problem introduced by the use of a varactor is the impedance of the tuning voltage connection. this should be very high to ensure that no extraneous effects (circuit loading, stray rf/audio coupling, etc) will be introduced to the VFO. VFO's can make great mixers, product detectors, etc under the right conditions conditions. This line (V.tune) is generally a 100k resistor to each tuned point for this reason.

Good luck, hope this helps
Niel

Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG/NUSI

208.525.3742, 524.9229 FAX 529.4721 Idaho Falls ID

nskousen@scientech.com WA7SSA QRP-L.119

Z-----DN33wm--- . . . -

Date: Tue, 12 May 1998 10:53:45 -0600

From: tom whalen <whalen@swcp.com>

To: rattray@gpfn.sk.ca

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [10797] Re: Tick-1 power supply

Message-ID: <35587E99.4CD9@swcp.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bruce Rattray wrote:

>

> I'd like to try running my Tick-1 with 3 #357 silver oxide batteries in
> series but I'm struggling to come up with some device to hold them in...any
> ideas that will make me say "Now why didn't I think of that?"...HI HI...tnx
> & 72 - Bruce(VE5RC)

>

> e-mail: rattray@gpfn.sk.ca

Hi Bruce, you must want to run that thing for year at a time!! I use
just one of those and can get up to 3 or 4 months of service. What I did
with one is *gently* solder the negative wire to the negative side and
then I put the battery in a piece of heat shrink tubing. Then I soldered
a BB to the positive lead, and then shove the pos. lead into the heat
shrink tubing on the pos. side. Normally, I just leave it on all the
time. For long down times or transporting, I just pull the wire out of
the heat shrink tubing. Think you may be able to do the same thing with
3 of em....give it a try!

72, Tom WB5QYT

--

Enjoying QRP!!

Rigs: Ten Tec Argo 509, SST-30, GM-15, OHR Spirit 40, Emtech NW20

IC-706, 38S, 49er, Bare Essentials, Mizuho MX-7s, ST. Louis tuner

Org: QRP-L 640, scQRPion 22, Norcal 1979, Fists 4465, ARS 396

Date: Tue, 12 May 1998 13:16:35 EDT
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [10798] 10M STARTER
Message-ID: <b763b67b.355883f4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

To help get you started, I will be on 10M for the next 7-10 days on 28.150 (plus /minus) CW at 2200 UTC. And 28.400 SSB at 2400 UTC. At least you will know there is a station out there. Will give you a beacon to be able to check out the band.

Alan KB7MBI

Date: Tue, 12 May 1998 13:23:10 EDT
From: dh1auten@juno.com (David H. Lauten)
To: qrp-1@Lehigh.EDU, qrpp@qth.net, klqrp@waterw.com
Cc: DLShips@aol.com
Subject: [10799] Re: Grand Strand QRP Beach Beacon to Dayton
Message-ID: <19980512.124311.8159.1.DHLAUTEN@juno.com>

The Grand Strand QRP Society along the South Carolina coast near Myrtle Beach invites you to listen this Saturday to a Beach Beacon with special messages to QRP'ers in Dayton.

The beacon platforms will be positioned at the center of dipole antennas dangling from kites flying at a height of a couple hundred feet. Should wind conditions prove unfavorable, the beacons will be operated from the beach with ground based vertical antennas.

So try out the newest QRP rigs at Dayton and listen for the KF4WFJ Beach Beacons to Dayton.

When: Saturday May 16, 2:00 - 4:00 PM EDT (Saturday May 16, 1800 - 2000 UTC)
Frequency: 7041 Khz and 10116 Khz
Power: Less than 2 Watts
Club Call: KF4WFJ

What fun it will be!

72 de David Lauten, KF4HAW
Conway, SC (near Myrtle Beach)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 12 May 1998 12:27:48 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [10800] A SUCCESS STORY
Message-ID: <199805121727.MAA24204@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang

well I got the twenty meter yagi interlaced with the forty meter
yagi and after some adjusting of rope tension and other humbug... I
contacted new iberia la on twenty cw... good 57 report...

i've noticed no degrading of the forty meter signal... the 20 meter
yagi seems to be flat in the phone section and just a bit of swr in the cw
section... the 40 mtr still flat cw & ssb...

Now after I rest a bit I get to put the twenty loop back up... need
to make a new driver for it also...

It's great to listen on forty and not hear people in the noise...
sure brings the qrp signals up!!! very few qrp signals r-3 or less, mostly
r-4&5 now... I have been fortunate at this qth... just enough room ...

god bless

joel in maine, "gettin' outta here"

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
3 element yagi on 40mtr/20mtr
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Tue, 12 May 1998 13:44:36 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-1@Lehigh.EDU
Subject: [10801] Argosy PTO problems
Message-ID: <v03102800b17e465dd8a4@[152.15.144.42]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I noticed that my TenTec Argosy has developed a PTO problem where it jumps frequency occasionally. It appears to jump 500Hz or so upward, at least on 80 meters it jumped up in frequency. I had a similar problem with an Argonaut.

I haven't put a 'scope on it yet so I can't tell exactly what the problem is, although I don't think it is a mechanical problem. Has anyone else had a similar problem with an analog Argosy? This is a bad time for my only QRP SSB rig to go on the blink with the 10 meter foxii starting to show their bushy tails.

72/73,

Rick kf4ar

Date: Tue, 12 May 1998 11:19:58 -0700
From: Bill Todd <bill@willapabay.org>
To: nwq-1@scn.org
Cc: qrp-1@Lehigh.EDU
Subject: [10802] NW QRP Club Contest 9/12/98
Message-ID: <1.5.4.32.19980512181958.0070d2f0@willapabay.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello QRPers -

I know that many of you are packing up for Dayton, and I know you'll have a great time (wish I could go too). So, before you leave, I'd like to notify you about a fun QRP contest that is planned for September 12, 1998. It will be called the "NERDS" QRP contest ("Normalized Expedient Radiator Designer's Sprint" - tnx to Joe Gervais for the nifty name), sponsored by the NorthWest QRP Club. It is an interesting combination of the "To The Field" concept along with an antenna design contest.

I realize that this contest occurs just ONE week before the New England QRP Contest, but we were unable to locate an "open" date other than Sept. 12th, that does not conflict with a QRO CW, RTTY, or other QRP contest. Also, we wanted to give the regular Ham publications enough lead time to publish the contest

Basic Rules

Participants will be allowed 200 feet of wire, 300 feet of rope and 100 feet of any kind of feedline you desire (as well as all the insulators, etc. you might need), and participants will be given ONE hour before the start of the contest to build an antenna on site (no pre-assembled antennas will be allowed).

If you plan to operate in an area without trees, man-made structures can be used instead (incl poles, masts, etc.) to help string up your antenna. Also, if it takes you longer to build the antenna, that's OK - it will merely cut into your operating time a bit.

Either myself, or Alan (KB7MBI) will post the official rules in a week or two, after the Dayton posts have settled down. We are thinking of a 6 hour Sprint-type time limit, on the common QRP operating freqs.

Note: Our October 1998 "NWQ" newsletter will post the results of the contest, and there will be a Photo Gallery dedicated to the various antenna designs submitted by the entrants.

CUL, Bill-N7MFB

--

<http://www.willapabay.com/~bill>

ICQ me at #8926298

Date: Tue, 12 May 1998 13:37:14 -0500

From: Mike - W0TMW <crucis@sky.net>

To: Ten Tec Mail List <tentec@contesting.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [10803] Ten Tec Argosy Pro/Com

Message-ID: <355896DA.592C34AC@sky.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I've the possibility of acquiring one of 3 Tec Tec rigs, an Argonaut 509, a 515, and an Argosy II.

The 509 is the cheapest of course. I'd like both SSB and CW plus QRP. Which is the best bang for the buck? Pros? Cons?

Mike - W0TMW

--

```
=====
Mike Watson, W0TMW           QCWA Mbr# 28651, MidContinent Chapter #35
Raymore, Missouri, USA      Grid: EM28st, ARS# 352, QRP-L# 1849
http://www.sky.net/~crucis   E-mail: crucis@sky.net  ARCI# 9647
=====
```

Date: Tue, 12 May 1998 15:00:50 EDT
From: Bensondj <Bensondj@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [10804] Elmer 101- Enclosures
Message-ID: <a8748583.35589c63@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

gang-

Thanks for your patience- the enclosures for the Elmer 101 rigs just arrived and they look nice.

I'll have a limited supply of them for sale at Dayton and will complete filling the prior orders as soon as I return. It's just too close to departure time right now to make a meaningful dent in the backlog (I like to get some sleep before I travel).

If you're going to be at Dayton and I owe you the rest of the enclosure kit, check with me at the hospitality suite at DIS - I'll do my best to have the remainder of it ready for pickup there.

73, Dave Benson- NN1G
(Small Wonder Labs)

Date: Tue, 12 May 1998 13:35:42 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>

To: qrp-1@Lehigh.EDU, cqc@mtechnologies.com,
Milestone.Technologies.Announcement.List@edison.chisp.net
Subject: [10805] Speed-X 322 Now Available
Message-ID: <199805121935.NAA12966@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Milestone Technologies now has the Nye Model 322-001 Speed-X Key in stock.

The 322-001 Is the rectangular base Speed-X Key with brass hardware and is priced at \$35.95 This is one of the classic Speed-X keys, with a crinkle-finish black base, elegant brass hardware, heavy square-section lever, and "Navy" style knob. The contacts are gold-plated heavy silver and the key action is fully adjustable.

Standard shipping applies (\$5 per order for Priority Mail).

Images are on the web site at <http://www.mtechnologies.com/nye.htm> and you can use our secure credit card ordering facilities, or call 800-238-8205 to order by phone.

Date: Tue, 12 May 1998 15:40:57 -0400
From: Greg Miller <gsmiller@intrex.net>
To: "'QRP-L ListServer'" <qrp-1@Lehigh.EDU>
Subject: [10806] Upgraded to General and Radio Shack Book Value
Message-ID: <01BD7DBC.84F95BA0@canoecreek.intrex.net>

Fellow QRPers,

Longtime lurker, first time poster. On Saturday I passed the 13 wpm code test and since I had a Technician class license issued before 1987(mine was issued in 1981) I was grandfathered in re the written portion. So I'm now a General class licensee. Talk about the doing the happy dance!

I had tried to learn code several times back in the mid to late seventies, but never quite could get it.***Begin.Humor*** Maybe it had something to do with trying to learn it from an LP(an album - usually black, vinyl disk that sits on a turntable - that played at 33 1/3 for you whippersnappers).***End.Humor*** Anyway the PC really made code learning/practice much, much easier. I highly recommend Morse Academy. It's

freeware so the price is right and it runs just fine under Win 95. Go to <http://www.speroni.com/AH0A.html> for a copy. Worked for me.

Since this list has notified us of some pretty good Radio Shack deals, I would like to pass one on that I discovered today. The Book titled "Advanced Class FCC License Preparation Element 4A Second Edition" by Gordon West is "devalued" to \$.07. That's right, seven cents! No QRPer can pass up a 7 cent deal. Banner across the top reads "Element 4A Question Pool Valid July 1, 1995 to June 30, 1999" and according to the ARRL site this is the same time frame/question pool used for their study guide. Come on Generals, let's upgrade to Advanced.

BTW, they only had one copy at the store I went to, Tower Village shopping center in Raleigh, NC so call around before you go.

Thanks for bandwidth and look for me around 7.040 sometime.

72's,

Greg WA4LEF

Emtech NW40 great little rig and I'm gonna love it even more now that I can get away from those nasty BC stations in the Novice subband, now there's an upgrade incentive right there!

St Louis Vertical coil on order(Hurry up, Mr Postman)

Date: Tue, 12 May 1998 16:21:24 -0400
From: "James Fielden" <fielden@utkux.utcc.utk.edu>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [10807] Can U HR ME? Needed QRP PeP Talk
Message-ID: <01bd7de3\$89081b60\$0812a980@galaxian>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Does this ever happen to you? I've been calling CQ and Answering CQ's with out one single contact since 5/3/98 Before then I was doing good, working good on 40/20/15 Meters on 3 watts and attic loop Ant. When the band went down last week, that was it. It's never came back to my QTH, I've checked everything rig is working just as it was 5/3, Ant is good, feed-line is good, even tried another Ant, and tried 3 other rigs as low as 400Mw up to 5 watts...

Anyway just kind of getting over even trying, so I thought I might ask if

that has ever happend to anyone else, is it like a CW-QRP thing or is it just a me thing?

Ok moving on, I'm trying 21.060, 14.060, 7040, and 7110, + or - 1 or 2 or 3 or 4 Khz.....Give a listen for me, I'm not real fast on CW, so I understand if you don't won't to have a qso, but if you hear me even an RST would be good, or if you hear me and I don't hear you an E-Mail would work, but I seem to hear pretty good with my attic loop....

Still Pounding The Brass,

72,

Jim -- KU4QW
fielden@utkux.utcc.utk.edu

Date: Tue, 12 May 1998 15:55:56
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [10808] LED keyers- SHIPPED!
Message-ID: <3.0.3.16.19980512155556.22cf398a@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy Gang,

Start stalking your mail box, clear a spot on the bench, heat up the irons, cuz all the keyers went out yesterday :-)

enjoy!

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Tue, 12 May 1998 16:51:23 -0400
From: "Bernard F. Gaffney, Jr." <n8pvz@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [10809] Dayton Weather

Message-ID: <3.0.32.19980512164432.00689584@pop3.concentric.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Latest prediction for Dayton through Sunday(Yahoo and Weather Underground):
60-80 degrees F, sunny to partly cloudy. And of course - chance of showers
and/or thunder showers on Sat & Sun. Wouldn't be Dayton without weekend
rain, now would it????

See ya there.

72 de N8PVZ

---bernie

Bernard F. Gaffney, Jr. N8PVZ
MI-QRP# M-1152 QRP-ARCI# 9446
n8pvz@qsl.net <http://www.concentric.net/~n8pvz/>
We are QRP. Resistance is futile. You will be assimilated

Date: Tue, 12 May 1998 20:51:11 +0000
From: Ed Loranger <we6w@qsl.net>
To: fielden@utkux.utcc.utk.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10810] Re: Can U HR ME? Needed QRP PeP Talk
Message-ID: <3558B63E.1DCF@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If I hear you calling 'CQ QRP', I'll answer -- count on it.

The only QRO I work are those stations that answer my CQ QRP.

And yes, the band has been very tough! Nothing last night
for me.

I try every evening if possible.

Best of luck and propogation.

Thankyou for calling, I'm listening....
-Ed
--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Tue, 12 May 1998 22:31:04 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [10811] TenTec Job Openings
Message-ID: <199805122131.WAA29505@chuck.dallas.sgi.com>

Gang,

I got this email opportunity from TenTec. For those of you with Engineering backgrounds that may be interested here is the information on some job openings at TenTec.

FYI

As many of you are aware, Ten-Tec has been enjoying quite a bit of growth over the last few years. We have the following positions available at present. Please mail or fax resume to Ten-Tec, Inc., 1185 Dolly Parton Pky, Sevierville, TN 37862 or visit us at the Dayton Hamvention, May 15-17 at booths 548-551. Fax (423) 428-4483. Please do not respond by e-mail.

FIRMWARE/EMBEDDED SYSTEMS ENGINEER

Responsible for every aspect from board layout to creating and supporting firmware, DSP experience a plus.

RF DESIGN ENGINEER

5 to 7 years experience designing 1-1000 MHz systems for competitive commercial markets. Background in PLL, DDS development needed.

ENGINEERING TECHNICIAN

2 to 5 years experience doing CAD PC layout of analog and digital circuits, prototype construction, performance testing, test fixture design.

PRODUCTION TECHNICIAN

Both board and system level test and alignment. Defect repair to component level in both analog and digital circuits. 2 to 5 years experience required.

SERVICE TECHNICIAN

Component level repair on broad range of HF products, both analog and microprocessor based. Experience with 500-1500 watt amplifiers a plus.

Salaries negotiable and commensurate with experience.

73,

Scott E. Robbins, W4PA

Amateur Radio Product Manager, Ten-Tec, Inc.

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

End of QRP-L Digest 1089

